

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>3012 Frankincense, serrata</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Frankincense, serrata
Botanical Name:	Boswellia serrata
INCI:	Boswellia serrata Oil (Frankincense Oil, India)
CAS TSCA-No:	8016-36-2
CAS EINECS-No:	97952-72-2
EINECS-No.:	308-366-6
FEMA-No.:	/

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

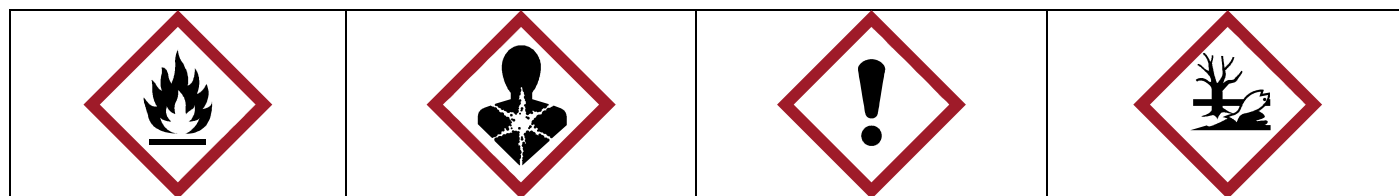
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Germ cell mutagenicity, category 2	H341	Suspected of causing genetic defects.
Carcinogenicity, category 2	H351	Suspected of causing cancer.
Hazardous to the aquatic environment, chronic category 1	H410	Very toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word



**DANGER:****H-Statements:**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H410	Very toxic to aquatic life with long lasting effects.

**P-Statements:****Prevention:**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
P281	Use personal protective equipment as required.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Linalool	~ 0,1 %
Limonene	~ 1,6 %

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Boswellia serrata oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
in process		CAS-No: EINECS-No:	No other information.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Advised extinguisher:** Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

## 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

## 7.3 Specific end uses

No specific.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Color:	colorless to light yellow
Appearance:	oily liquid
Odor:	balsamic, fresh
pH-value:	no data available
Flash point:	32°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,85 - 0,889
Refractive index at 20°C:	1,4635 - 1,4635
Optical rotation at 20°C:	+25° to +25°

## 9.2 Other information:

Main components: Boswellia serrata Oil (Frankincense Oil, India), Limonene, Linalool

# 10. STABILITY AND REACTIVITY

## 10.1 Reactivity

This product is stable under normal usage conditions.

## 10.2. Chemical stability

This product is stable under normal usage conditions.

## 10.3 Possibility of hazardous reactions

None according to our knowledge.

## 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

## 10.5 Incompatible materials

Avoid flammable materials, PVC.

## 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

# 11. TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
in process			

**Skin corrosion/irritation:**

H315 Causes skin irritation.

**Serious eye damage/irritation:**

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

H341 Suspected of causing genetic defects.

**Carcinogenicity:**

H351 Suspected of causing cancer.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.

According to regulation 1272/2008:

H410 Very toxic to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

**Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KO/W)**

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

#### **12.5 Results of PBT and vPvB assessment**

No further relevant information available.

#### **12.6 Other adverse effects**

No further relevant information available.

### **13. DISPOSAL CONSIDERATION**

#### **13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

### **14. TRANSPORT INFORMATION**

#### **14.1 UN-number**

1169

#### **14.2 UN proper shipping name**

<b>Land transport:</b>	ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG
<b>Transport by sea:</b>	IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID
<b>Transport by air:</b>	ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

#### **14.3 Transport hazard class**

<b>ADR/RID:</b>	Class 3
<b>IMDG/IMO:</b>	Class 3
<b>ICAO/IATA:</b>	Class 3

#### **14.4 Packing group**

<b>ADR/RID:</b>	Packing group III, Kemler code: 30
<b>IMDG/IMO:</b>	Packing group III
<b>ICAO/IATA:</b>	Packing group III

#### **14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

#### **14.6 Special precautions for user**

Not applicable.

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

### **15. REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

## 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H410	Very toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
P281	Use personal protective equipment as required.

### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.



Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>3010 Frankincense, carterii</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Frankincense, carterii
Botanical Name:	Boswellia carterii
INCI:	Boswellia carterii (Frankincense) Gum Oil
CAS TSCA-No:	8016-36-2
CAS EINECS-No:	89957-98-2
EINECS-No.:	232-474-1
FEMA-No.:	2816

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

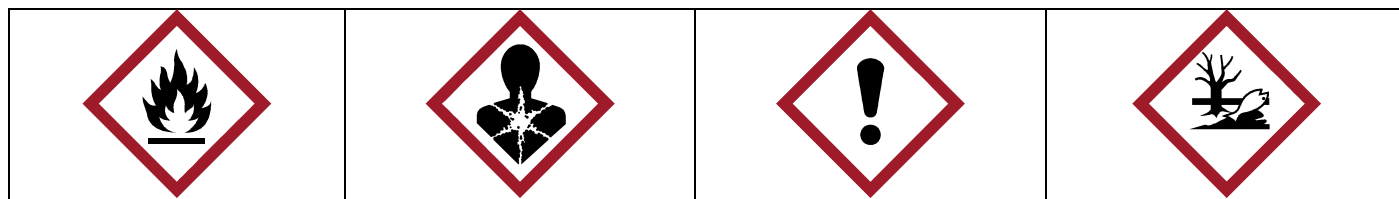
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word



**DANGER:**

**H-Statements:**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

#### **P-Statements:**

##### **Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

##### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

##### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

##### **Disposal:**

P501	Dispose of contents/container to special waste.
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### **2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Linalool	max. 1,0 %
Limonene	max. 18,0 %

## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Substances**

**Chemical Identification:** Boswellia carterii oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

<b>Ingredient</b>	<b>Concentration</b>	<b>Registration-N.</b>	<b>CLP-Classification</b>
alpha-Pinene	40,0 - 50,0 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
beta-Caryophyllene	1,0 - 5,0 %	CAS-No: 87-44-5 EINECS-No: 201-746-1	Asp. Tox. 1, H304
beta-Pinene	5,0 - 10,0 %	CAS-No: 127-91-3 EINECS-No: 204-872-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304

			Skin Sens. 1, H317 Aquatic Chronic 1, H410
Camphene	0,1 - 1,0 %	CAS-No: 79-92-5 EINECS-No: 201-234-8	Flam. Sol. 2, H228-1 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
delta-3-Carene	0,1 - 4,0 %	CAS-No: 13466-78-9 EINECS-No: 236-719-3	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Limonene	5,0 - 10,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Paracymene	1,0 - 7,0 %	CAS-No: 99-87-6 EINECS-No: 202-796-7	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Terpinene-4-ol	1,0 - 5,0 %	CAS-No: 562-74-3 EINECS-No: 209-235-5	Acute Tox. 4, H302 Skin Irrit. 2, H315
Terpinolene	0,1 - 1,0 %	CAS-No: 586-62-9 EINECS-No: 209-578-0	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO <sub>2</sub> , dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

## 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

## 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

## 6.4 Reference to other sections

Please see section 8 and 13.

# 7. HANDLING AND STORAGE

## 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

## 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

## 7.3 Specific end uses

No specific.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Color:	light to dark yellow
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	43°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,855 - 0,88
Refractive index at 20°C:	1,466 - 1,477
Optical rotation at 20°C:	-20° to +10°

## 9.2 Other information:

Main components: Boswellia carterii (Frankincense) Gum Oil, Limonene, Linalool

# 10. STABILITY AND REACTIVITY

## 10.1 Reactivity

This product is stable under normal usage conditions.

## 10.2. Chemical stability

This product is stable under normal usage conditions.

## 10.3 Possibility of hazardous reactions

None according to our knowledge.

## 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

## 10.5 Incompatible materials

Avoid flammable materials, PVC.

## 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

# 11. TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Pinene	3.700 mg/kg (rat)	-	-
beta-Caryophyllene	-	-	-
beta-Pinene	4.700 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
Camphene	5.000 mg/kg (rat)	> 2.500 mg/kg (rabbit)	-
delta-3-Carene	4.800 mg/kg (rat)	-	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Paracymene	4.750 mg/kg (rat)	-	-
Terpinene-4-ol	-	-	-
Terpinolene	4.390 mg/kg (rat)	-	-

### Skin corrosion/irritation:

H315 Causes skin irritation.

### Serious eye damage/irritation:

No significant effects or critical hazards.

### Respiratory or skin sensitization:

H317 May cause an allergic skin reaction.

### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

### Germ cell mutagenicity:

No significant effects or critical hazards.

### Carcinogenicity:

No significant effects or critical hazards.

### Reproductive toxicity:

No significant effects or critical hazards.

### STOT-single exposure

Unavailable data.

### STOT-repeated exposure

Unavailable data.

### Information on likely routes of exposure

Unavailable data.

## Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.

According to regulation 1272/2008:

H411 Toxic to aquatic life with long lasting effects.

### Daphnies toxicity (EC50):

No further relevant information available.

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

#### Bioconcentration factor (BCF):

No further relevant information available.

### Partition coefficient n-octanol / water (log K<sub>OW</sub>)

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

No further relevant information available.

### 12.6 Other adverse effects

No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

1169

### 14.2 UN proper shipping name

Land transport: ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

Transport by sea: IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

Transport by air: ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

ADR/RID: Class 3

IMDG/IMO: Class 3

ICAO/IATA: Class 3

### 14.4 Packing group

ADR/RID: Packing group III, Kemler code: 30

IMDG/IMO: Packing group III

ICAO/IATA: Packing group III

## 14.5 Environmental hazards

IMDG - Sea pollutant: Yes

## 14.6 Special precautions for user

Not applicable.

## 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

# 15. REGULATORY INFORMATION

## 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

## 15.2 Chemical safety assessment

Not relevant.

# 16. OTHER INFORMATION

## Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

## Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

## Hazard statements according to regulation (EC) 1272/2008 (CLP):

<b>Code</b>	<b>Description</b>
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

**Precaution statements according to regulation (EC) 1272/2008 (CLP):**

<b>Code</b>	<b>Description</b>
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
------	---

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.



Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>3015 Frankincense, carterii (CO2-Extract)</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Frankincense, carterii (CO2-Extract)
Botanical Name:	Boswellia carterii
INCI:	Boswellia carterii Oil (Frankincense Oil)
CAS TSCA-No:	89957-98-2
CAS EINECS-No:	/
EINECS-No.:	289-620-2
FEMA-No.:	2816

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

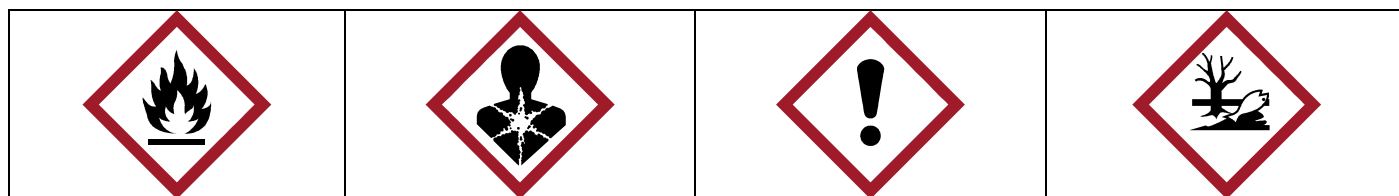
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Respiratory/skin sensitisation, respiratory sensitisation category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Specific Target Organ Systemic Toxicity (single exposure), category 3 Eye irritation	H335	May cause respiratory irritation.
Hazardous to the aquatic environment, chronic category 1	H410	Very toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word



**DANGER:****H-Statements:**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.

**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
P285	In case of inadequate ventilation wear respiratory protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

**Storage:**

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Farnesol	max. 0,1 %
Linalool	max. 1,0 %
Limonene	max. 10,0 %

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substances

**Chemical Identification:** Boswellia carterii oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
alpha-Pinene	35,0 - 70,0 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Limonene	< 10,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**Excessive inhalation:** Remove to fresh air environment – summon a physician immediately.

**Skin contact:** Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.

**Eye contact:** Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.

**Ingestion:** Dilute with water. Do not induce vomiting. Contact physician.

#### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

### 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Advised extinguisher:** Use CO2, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

#### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

#### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

#### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	light yellow
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	34°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,87 - 0,92
Refractive index at 20°C:	1,475 - 1,493
Optical rotation at 20°C:	no data available

### 9.2 Other information:

Main components: Boswellia carterii Oil (Frankincense Oil), Farnesol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Pinene	3.700 mg/kg (rat)	-	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-

#### Skin corrosion/irritation:

H315 Causes skin irritation.

#### Serious eye damage/irritation:

No significant effects or critical hazards.

#### Respiratory or skin sensitization:

H317 May cause an allergic skin reaction.

#### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation.

#### Germ cell mutagenicity:

No significant effects or critical hazards.

#### Carcinogenicity:

No significant effects or critical hazards.

#### Reproductive toxicity:

No significant effects or critical hazards.

#### STOT-single exposure

Unavailable data.

#### STOT-repeated exposure

Unavailable data.

#### Information on likely routes of exposure

Unavailable data.

#### Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.

According to regulation 1272/2008:

H410 Very toxic to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

**12.6 Other adverse effects**

No further relevant information available.

**13. DISPOSAL CONSIDERATION****13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

**14. TRANSPORT INFORMATION****14.1 UN-number**

1169

**14.2 UN proper shipping name**

<b>Land transport:</b>	ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG
<b>Transport by sea:</b>	IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID
<b>Transport by air:</b>	ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

**14.3 Transport hazard class**

<b>ADR/RID:</b>	Class 3
<b>IMDG/IMO:</b>	Class 3
<b>ICAO/IATA:</b>	Class 3

**14.4 Packing group**

<b>ADR/RID:</b>	Packing group III, Kemler code: 30
<b>IMDG/IMO:</b>	Packing group III
<b>ICAO/IATA:</b>	Packing group III

**14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

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 German Regulation on Substances Hazardous to Water 2005 (VwVwS),

## 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

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LC50:	Lethal Concentration for 50 percent of the test population
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TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
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H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b>Prevention:</b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
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<b><u>Response:</u></b>	
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P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
with water/shower.	
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for
breathing.	
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position
comfortable for breathing.	
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see on this label).
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P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
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P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.
<b><u>Storage:</u></b>	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
<b><u>Disposal:</u></b>	
P501	Dispose of contents/container to special waste.

#### **Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

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Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>1912 Lavender Highland</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Lavender Highland
Botanical Name:	Lavandula angustifolia
INCI:	Lavandula angustifolia (Lavender) Herb Oil
CAS TSCA-No:	8000-28-0
CAS EINECS-No:	84776-65-8
EINECS-No.:	283-994-0
FEMA-No.:	2622

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240



## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Hazardous to the aquatic environment, chronic category 3	H412	Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word

			
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#### DANGER:

##### H-Statements:

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

##### P-Statements:

##### Prevention:

P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
<b>Response:</b>	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
<b>Storage:</b>	
P405	Store locked up.
<b>Disposal:</b>	
P501	Dispose of contents/container to special waste.

## 2.3 Other Hazards

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Limonene	max. 1,0 %
Linalool	max. 45,0 %
Geraniol	max. 1,5 %
Coumarin	max. 0,2 %

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

**Chemical Identification:** Lavandula angustifolia oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
alpha-Terpineol	< 3,0 %	CAS-No: 98-55-5 EINECS-No: 202-680-6	Org. Perox. EF, H242-3 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Borneol	< 4,0 %	CAS-No: 507-70-0 EINECS-No: 208-080-0	Flam. Sol. 2, H228-1
Camphor	< 1,5 %	CAS-No: 76-22-2 EINECS-No: 200-945-0	Flam. Sol. 2, H228-1 Acute Tox. 4, H332 STOT SE 2, H371
cis-beta-Ocimene	< 5,0 %	CAS-No: 3338-55-4 EINECS-No: 222-081-3	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Geraniol	< 1,5 %	CAS-No: 106-23-0 EINECS-No: 203-376-6	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318
Limonene	< 1,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Linalool	< 48,0 %	CAS-No: 78-70-6 EINECS-No: 201-134-4	Skin Irrit. 2, H315
Terpinene-4-ol	< 6,0 %	CAS-No: 562-74-3 EINECS-No: 209-235-5	Acute Tox. 4, H302 Skin Irrit. 2, H315
trans-beta-Ocimene	< 5,0 %	CAS-No: 13877-91-3 EINECS-No: 237-641-2	Flam. Liq. 3, H226 Asp. Tox. 1, H304

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Advised extinguisher:** Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

#### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

#### **5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

#### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

#### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

#### **6.4 Reference to other sections**

Please see section 8 and 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

#### **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

#### **7.3 Specific end uses**

No specific.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:**

Use in well aired areas.

**Eye protection:**

Safety glasses.

**Hand protection:**

Protecting gloves.

**Skin protection:**

Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	colorless to yellowish
Appearance:	oily liquid
Odor:	floral, herbaceous
pH-value:	no data available
Flash point:	71°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,88 - 0,89
Refractive index at 20°C:	1,458 - 1,464
Optical rotation at 20°C:	-11,5° to -7°

### 9.2 Other information:

Main components: *Lavandula angustifolia* (Lavender) Herb Oil, Coumarin, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Terpineol	3.200 mg/kg (rat)	-	-
Borneol	4.300 mg/kg (rat)	> 3.000 mg/kg (rabbit)	-
Camphor	1.310 mg/kg (mouse)	-	-
cis-beta-Ocimene	-	-	-
Geraniol	2.420 mg/kg (rat)	> 2.500 mg/kg (rabbit)	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Linalool	2.790 mg/kg (rat)	5.610 mg/kg (rat)	-
Terpinene-4-ol	-	-	-
trans-beta-Ocimene	-	-	-

**Skin corrosion/irritation:**

H315 Causes skin irritation.

**Serious eye damage/irritation:**

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

No significant effects or critical hazards.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H412 Harmful to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KO/W)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

#### **12.6 Other adverse effects**

No further relevant information available.

### **13. DISPOSAL CONSIDERATION**

#### **13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

### **14. TRANSPORT INFORMATION**

#### **14.1 UN-number**

n.r.

#### **14.2 UN proper shipping name**

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

#### **14.3 Transport hazard class**

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

#### **14.4 Packing group**

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

#### **14.5 Environmental hazards**

IMDG - Sea pollutant: No

#### **14.6 Special precautions for user**

Not applicable.

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

### **15. REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

#### **15.2 Chemical safety assessment**

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
<b><u>Response:</u></b>	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
<b><u>Storage:</u></b>	
P405	Store locked up.
<b><u>Disposal:</u></b>	
P501	Dispose of contents/container to special waste.

### Training advice:

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text. Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.



Created on: 26.08.2016 Page: 1 of 9	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>2780 Tea-Tree, m.a. Organic</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Tea-Tree, m.a. Organic
Botanical Name:	Melaleuca alternifolia
INCI:	Melaleuca alternifolia (Tea Tree) Leaf Oil
CAS TSCA-No:	68647-73-4
CAS EINECS-No:	85085-48-9
EINECS-No.:	285-377-1
FEMA-No.:	3902

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
----------------	--------------------------------

### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

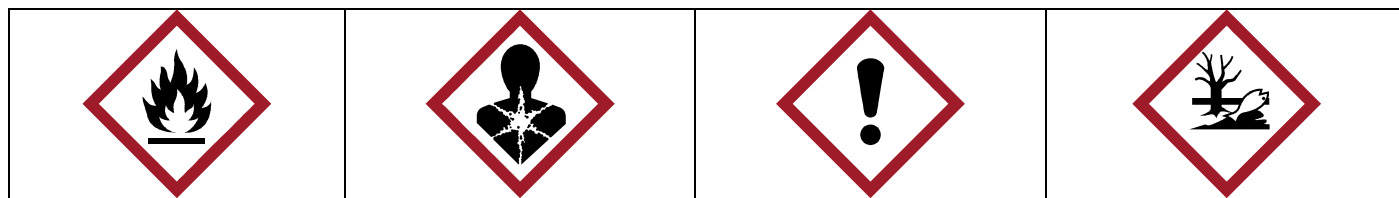
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Acute Toxicity, category 4 - oral	H302	Harmful if swallowed.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Causes serious eye damage/irritation, category 2	H319	Causes serious eye irritation.
Hazardous to the aquatic environment, chronic category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word



**DANGER:**

**H-Statements:**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Limonene	max. 2,0 %
Linalool	max. 1,0 %

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Melaleuca alternifolia oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
1,8-Cineol	< 15,0 %	CAS-No: 470-82-6 EINECS-No: 207-431-5	Flam. Liq. 3, H226

alpha-Pinene	< 6,0 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
alpha-Terpinene	< 13,0 %	CAS-No: 99-86-5 EINECS-No: 202-795-1	Flam. Liq. 3, H226 Acute Tox. 4, H302 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
alpha-Terpineol	< 8,0 %	CAS-No: 98-55-5 EINECS-No: 202-680-6	Org. Perox. EF, H242-3 Skin Irrit. 2, H315 Eye Irrit. 2, H319
beta-Phellandrene	< 3,0 %	CAS-No: 555-10-2 EINECS-No: 209-081-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304
beta-Pinene	< 3,0 %	CAS-No: 127-91-3 EINECS-No: 204-872-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
gamma-Terpinene	< 28,0 %	CAS-No: 99-85-4 EINECS-No: 202-794-6	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Limonene	< 2,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Myrcene	< 3,0 %	CAS-No: 123-35-3 EINECS-No: 204-622-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Paracymene	< 12,0 %	CAS-No: 99-87-6 EINECS-No: 202-796-7	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Sabinene	< 1,0 %	CAS-No: 3387-41-5 EINECS-No: 222-212-4	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Terpinene-4-ol	< 48,0 %	CAS-No: 562-74-3 EINECS-No: 209-235-5	Acute Tox. 4, H302 Skin Irrit. 2, H315
Terpinolene	< 5,0 %	CAS-No: 586-62-9 EINECS-No: 209-578-0	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Advised extinguisher:** Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

## 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

## 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

# 6. ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

## 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

## 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

## 6.4 Reference to other sections

Please see section 8 and 13.

# 7. HANDLING AND STORAGE

## 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

## 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

## 7.3 Specific end uses

No specific.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:**

Use in well aired areas.

**Eye protection:**

Safety glasses.

**Hand protection:**

Protecting gloves.

**Skin protection:**

Avoid skin contact. Protective suit should be worn.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

Color: colorless to light yellow

Appearance: oily liquid

Odor: warm, spicy

pH-value: no data available

Flash point:	58°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,885 - 0,906
Refractive index at 20°C:	1,475 - 1,482
Optical rotation at 20°C:	+5° to +15°

## 9.2 Other information:

Main components: Melaleuca alternifolia (Tea Tree) Leaf Oil, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
1,8-Cineol	2.480 mg/kg (rat)	-	-
alpha-Pinene	3.700 mg/kg (rat)	-	-
alpha-Terpinene	-	-	-
alpha-Terpineol	3.200 mg/kg (rat)	-	-
beta-Phellandrene	-	-	-
beta-Pinene	4.700 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
gamma-Terpinene	3.650 mg/kg (rat)	-	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Myrcene	> 5.000 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
Paracymene	4.750 mg/kg (rat)	-	-
Sabinene	-	-	-
Terpinene-4-ol	-	-	-
Terpinolene	4.390 mg/kg (rat)	-	-

### Skin corrosion/irritation:

H315 Causes skin irritation.

### Serious eye damage/irritation:

H319 Causes serious eye irritation.

### Respiratory or skin sensitization:

H302 Harmful if swallowed.

### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

## **12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H411 Toxic to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

### **12.2 Persistence and degradability**

No further relevant information available.

### **12.3 Bioaccumulative potential**

**Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KO/W)**

No further relevant information available.

### **12.4 Mobility in soil**

No further relevant information available.

### **12.5 Results of PBT and vPvB assessment**

No further relevant information available.

### **12.6 Other adverse effects**

No further relevant information available.

## **13. DISPOSAL CONSIDERATION**

### **13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

1169

### 14.2 UN proper shipping name

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG  
**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID  
**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

**ADR/RID:** Class 3  
**IMDG/IMO:** Class 3  
**ICAO/IATA:** Class 3

### 14.4 Packing group

**ADR/RID:** Packing group III, Kemler code: 30  
**IMDG/IMO:** Packing group III  
**ICAO/IATA:** Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: Yes

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.  
Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.  
Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.  
Directive 2003/15/EC  
Directive 2006/8/EC  
Directive 91/322/EEC  
Directive 2000/39/EC  
Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments  
Regulation (EC) No 1272/2008 (CLP)  
Regulation (EC) No 790/2009  
Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments  
German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

**ADR:** European Agreement concerning the International Carriage of Dangerous Goods by Road  
**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

#### **Hazard statements according to regulation (EC) 1272/2008 (CLP):**

<b>Code</b>	<b>Description</b>
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

#### **Precaution statements according to regulation (EC) 1272/2008 (CLP):**

<b>Code</b>	<b>Description</b>
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

#### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

#### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.



**Disposal:**

P501

Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>1370 Eucalyptus globulus Organic</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Eucalyptus globulus Organic
Botanical Name:	Eucalyptus globulus
INCI:	Eucalyptus globulus Oil
CAS TSCA-No:	8000-48-4
CAS EINECS-No:	84625-32-1
EINECS-No.:	283-406-2
FEMA-No.:	2466

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

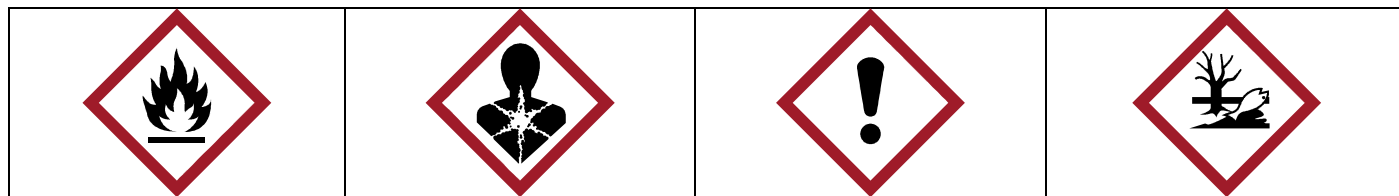
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word



#### DANGER:

##### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Limonene	2,0 - 12,0 %
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**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Eucalyptus globulus oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
1,8-Cineol	< 75,0 %	CAS-No: 470-82-6 EINECS-No: 207-431-5	Flam. Liq. 3, H226
alpha-Pinene	< 22,0 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
alpha-Terpineol	< 4,0 %	CAS-No: 98-55-5 EINECS-No: 202-680-6	Org. Perox. EF, H242-3 Skin Irrit. 2, H315 Eye Irrit. 2, H319
beta-Pinene	< 2,0 %	CAS-No: 127-91-3 EINECS-No: 204-872-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
gamma-Terpinene	< 3,0 %	CAS-No: 99-85-4 EINECS-No: 202-794-6	Flam. Liq. 3, H226 Asp. Tox. 1, H304

Limonene	< 12,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Paracymene	< 6,0 %	CAS-No: 99-87-6 EINECS-No: 202-796-7	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Terpenyl acetate	< 3,0 %	CAS-No: 8007-35-0 EINECS-No: 232-357-5	Aquatic Chronic 2, H411

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO <sub>2</sub> , dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color: colorless to light yellow

Appearance: oily liquid

Odor: characteristic

pH-value: no data available

Flash point: 50°C

Water solubility: Insoluble

Steam pressure: Unavailable

Initial boiling point and boiling range: Unavailable

Relative density at 20 °C: 0,91 - 0,925

Refractive index at 20°C: 1,455 - 1,47

Optical rotation at 20°C: 0° to +10°

### 9.2 Other information:

Main components: Eucalyptus globulus Oil, Limonene

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
1,8-Cineol	2.480 mg/kg (rat)	-	-
alpha-Pinene	3.700 mg/kg (rat)	-	-
alpha-Terpineol	3.200 mg/kg (rat)	-	-
beta-Pinene	4.700 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
gamma-Terpinene	3.650 mg/kg (rat)	-	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Paracymene	4.750 mg/kg (rat)	-	-
Terpenyl acetate	-	-	-

#### Skin corrosion/irritation:

No significant effects or critical hazards.

#### Serious eye damage/irritation:

No significant effects or critical hazards.

#### Respiratory or skin sensitization:

H317 May cause an allergic skin reaction.

#### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

#### Germ cell mutagenicity:

No significant effects or critical hazards.

#### Carcinogenicity:

No significant effects or critical hazards.

#### Reproductive toxicity:

No significant effects or critical hazards.

#### STOT-single exposure

Unavailable data.

#### STOT-repeated exposure

Unavailable data.

#### Information on likely routes of exposure

Unavailable data.

#### Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H411 Toxic to aquatic life with long lasting effects.

#### Daphnies toxicity (EC50):

No further relevant information available.

#### **12.2 Persistence and degradability**

No further relevant information available.

#### **12.3 Bioaccumulative potential**

##### **Bioconcentration factor (BCF):**

No further relevant information available.

#### **Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

#### **12.4 Mobility in soil**

No further relevant information available.

#### **12.5 Results of PBT and vPvB assessment**

No further relevant information available.

#### **12.6 Other adverse effects**

No further relevant information available.

### **13. DISPOSAL CONSIDERATION**

#### **13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

### **14. TRANSPORT INFORMATION**

#### **14.1 UN-number**

1169

#### **14.2 UN proper shipping name**

<b>Land transport:</b>	ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG
<b>Transport by sea:</b>	IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID
<b>Transport by air:</b>	ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

#### **14.3 Transport hazard class**

<b>ADR/RID:</b>	Class 3
<b>IMDG/IMO:</b>	Class 3
<b>ICAO/IATA:</b>	Class 3

#### **14.4 Packing group**

<b>ADR/RID:</b>	Packing group III, Kemler code: 30
<b>IMDG/IMO:</b>	Packing group III
<b>ICAO/IATA:</b>	Packing group III

#### **14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

#### **14.6 Special precautions for user**

Not applicable.

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

### **15. REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.  
Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

## 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
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IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
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RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
------	-------------

#### Prevention:

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.



P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**


P501	Dispose of contents/container to special waste.
------	---

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

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Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>2080 Mint (Peppermint)</b>	
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Mint (Peppermint)
Botanical Name:	Mentha piperita
INCI:	Mentha piperita (Peppermint) Oil
CAS TSCA-No:	8006-90-4
CAS EINECS-No:	84082-70-2
EINECS-No.:	282-015-4
FEMA-No.:	2848

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240



## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Causes serious eye damage/irritation, category 2	H319	Causes serious eye irritation.
Hazardous to the aquatic environment, chronic category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word

			
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### WARNING:

#### H-Statements:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

**P-Statements:****Prevention:**

P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

**Storage:****Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Limonene	max. 5,0 %
Linalool	max. 0,5 %

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Mentha piperita oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

<b>Ingredient</b>	<b>Concentration</b>	<b>Registration-N.</b>	<b>CLP-Classification</b>
1,8-Cineol	< 8,0 %	CAS-No: 470-82-6 EINECS-No: 207-431-5	Flam. Liq. 3, H226
alpha-Pinene	< 3,0 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
beta-Pinene	< 3,0 %	CAS-No: 127-91-3 EINECS-No: 204-872-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Isomenthone	< 10,0 %	CAS-No: 491-07-06 EINECS-No: 207-727-4	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Isopulegol	< 4,0 %	CAS-No: 89-79-2 EINECS-No: 201-940-6	Acute Tox. 4, H302
Limonene	< 5,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Menthofuran	< 5,0 %	CAS-No: 494-90-6	Acute Tox. 4, H302

		EINECS-No: 207-795-5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Menthol	< 48,0 %	CAS-No: 89-78-1 EINECS-No: 201-939-0	Skin Irrit. 2, H315
Menthone	< 30,0 %	CAS-No: 10458-14-7 EINECS-No: 233-944-9	Aquatic Chronic 3, H412
Menthyl acetate	< 6,0 %	CAS-No: 16409-45-3 EINECS-No: 240-459-6	Aquatic Chronic 2, H411
Neomenthol	< 10,0 %	CAS-No: 3623-51-6 EINECS-No: 222-824-1	Skin Irrit. 2, H315
Piperitone	< 4,0 %	CAS-No: 89-81-6 EINECS-No: 201-942-7	Skin Irrit. 2, H315
Pulegone	< 4,0 %	CAS-No: 15932-80-6 EINECS-No: 240-070-1	Acute Tox. 4, H302

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Advised extinguisher:** Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	colorless to yellowish
Appearance:	oily liquid
Odor:	fresh, menthol
pH-value:	no data available
Flash point:	66°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,896 - 0,916
Refractive index at 20°C:	1,457 - 1,467
Optical rotation at 20°C:	-30° to -10°

### 9.2 Other information:

Main components: Mentha piperita (Peppermint) Oil, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

## 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
1,8-Cineol	2.480 mg/kg (rat)	-	-
alpha-Pinene	3.700 mg/kg (rat)	-	-
beta-Pinene	4.700 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
Isomenthone	-	-	-
Isopulegol	-	-	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Menthofuran	-	-	-
Menthol	3.180 mg/kg (rat)	-	-
Menthone	-	-	-
Menthyl acetate	7.620 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
Neomenthol	-	-	-
Piperitone	-	-	-
Pulegone	-	-	-

#### Skin corrosion/irritation:

H315 Causes skin irritation.

#### Serious eye damage/irritation:

H319 Causes serious eye irritation.

#### Respiratory or skin sensitization:

H317 May cause an allergic skin reaction.

#### Aspiration hazard:

No significant effects or critical hazards.

#### Germ cell mutagenicity:

No significant effects or critical hazards.

#### Carcinogenicity:

No significant effects or critical hazards.

#### Reproductive toxicity:

No significant effects or critical hazards.

#### STOT-single exposure

Unavailable data.

#### STOT-repeated exposure

Unavailable data.

#### Information on likely routes of exposure

Unavailable data.

#### Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H411 Toxic to aquatic life with long lasting effects.

### Daphnies toxicity (EC50):

No further relevant information available.

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

#### Bioconcentration factor (BCF):

No further relevant information available.

### Partition coefficient n-octanol / water (log K<sub>OW</sub>)

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

No further relevant information available.

### 12.6 Other adverse effects

No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

3082

### 14.2 UN proper shipping name

Land transport:	ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG
Transport by sea:	IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID
Transport by air:	ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

ADR/RID:	Class 3
IMDG/IMO:	Class 3
ICAO/IATA:	Class 3

### 14.4 Packing group

ADR/RID:	Packing group III, Kemler code: 30
IMDG/IMO:	Packing group III
ICAO/IATA:	Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: Yes

### 14.6 Special precautions for user

Not applicable.

## 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):



<b>Code</b>	<b>Description</b>
<b><u>Prevention:</u></b>	
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
<b><u>Response:</u></b>	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
<b><u>Storage:</u></b>	
<b><u>Disposal:</u></b>	
P501	Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>1500 Geranium (Rose Geranium), China</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Geranium (Rose Geranium), China
Botanical Name:	Pelargonium roseum
INCI:	Pelargonium roseum Oil (Geranium Oil, (Rose Geranium Oil))
CAS TSCA-No:	8000-46-2
CAS EINECS-No:	90082-51-2
EINECS-No.:	290-140-0
FEMA-No.:	2508

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240




## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Causes serious eye damage/irritation, category 1	H318	Causes serious eye damage.
Hazardous to the aquatic environment, chronic category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word

			
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**DANGER:**

#### H-Statements:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

**P-Statements:****Prevention:**

P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

**Storage:****Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Citral	max. 2,0 %
Limonene	max. 0,3 %
Linalool	2,5 - 10,0 %
Citronellol	25,0 - 50,0 %
Geraniol	2,5 - 10,0 %

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Pelargonium roseum oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
alpha-Pinene	< 2,5 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
beta-Caryophyllene	< 2,5 %	CAS-No: 87-44-5 EINECS-No: 201-746-1	Asp. Tox. 1, H304
cis-Rose-Oxide	< 2,5 %	CAS-No: 16409-43-1 EINECS-No: 240-457-5	Skin Sens. 1, H317
Citronellol	25,0 - 50,0 %	CAS-No: 106-25-2 EINECS-No: 203-378-7	Skin Irrit. 2, H315 Skin Sens. 1, H317
Citronellyl acetate	< 2,5 %	CAS-No: 150-84-5 EINECS-No: 205-775-0	Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Geraniol	2,5 - 10,0 %	CAS-No: 106-23-0 EINECS-No: 203-376-6	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318
Geranyl acetate	< 2,5 %	CAS-No: 105-87-3 EINECS-No: 203-341-5	Aquatic Chronic 2, H411

Isomenthone	2,5 - 10,0 %	CAS-No: 491-07-06 EINECS-No: 207-727-4	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Linalool	2,5 - 10,0 %	CAS-No: 78-70-6 EINECS-No: 201-134-4	Skin Irrit. 2, H315
Menthone	< 2,5 %	CAS-No: 10458-14-7 EINECS-No: 233-944-9	Aquatic Chronic 3, H412

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO <sub>2</sub> , dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.  
Burning will cause strong smoke and soot.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.  
Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	yellowish to greenish
Appearance:	oily liquid
Odor:	rose and mint like
pH-value:	no data available
Flash point:	64°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,882 - 0,89
Refractive index at 20°C:	1,46 - 1,472
Optical rotation at 20°C:	-14° to -5°

### 9.2 Other information:

Main components: Pelargonium roseum Oil (Geranium Oil, (Rose Geranium Oil)), Citral, Citronellol, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Pinene	3.700 mg/kg (rat)	-	-
beta-Caryophyllene	-	-	-
cis-Rose-Oxide	4.300 mg/kg (rat)	-	-
Citronellol	4.500 mg/kg (rat)	5.000 mg/kg (rabbit)	-
Citronellyl acetate	6.800 mg/kg (rat)	-	-
Geraniol	2.420 mg/kg (rat)	> 2.500 mg/kg (rabbit)	-
Geranyl acetate	6.330 mg/kg (rat)	-	-
Isomenthone	-	-	-
Linalool	2.790 mg/kg (rat)	5.610 mg/kg (rat)	-
Menthone	-	-	-

**Skin corrosion/irritation:**

H315 Causes skin irritation.

**Serious eye damage/irritation:**

H318 Causes serious eye damage.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

No significant effects or critical hazards.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H411 Toxic to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

### 12.2 Persistence and degradability

No further relevant information available.

### **12.3 Bioaccumulative potential**

#### **Bioconcentration factor (BCF):**

No further relevant information available.

#### **Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

### **12.4 Mobility in soil**

No further relevant information available.

### **12.5 Results of PBT and vPvB assessment**

No further relevant information available.

### **12.6 Other adverse effects**

No further relevant information available.

## **13. DISPOSAL CONSIDERATION**

### **13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## **14. TRANSPORT INFORMATION**

### **14.1 UN-number**

3082

### **14.2 UN proper shipping name**

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### **14.3 Transport hazard class**

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

### **14.4 Packing group**

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

### **14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

### **14.6 Special precautions for user**

Not applicable.

### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

## **15. REGULATORY INFORMATION**

### **15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

## 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

### **Response:**

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
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P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

**Storage:**

**Disposal:**

P501	Dispose of contents/container to special waste.
------	---

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>3150 Lemon yellow</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Lemon yellow
Botanical Name:	Citrus limonum
INCI:	Citrus limonum Oil (Lemon Oil, yellow)
CAS TSCA-No:	8008-56-8
CAS EINECS-No:	84929-31-7
EINECS-No.:	284-515-8
FEMA-No.:	2625

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

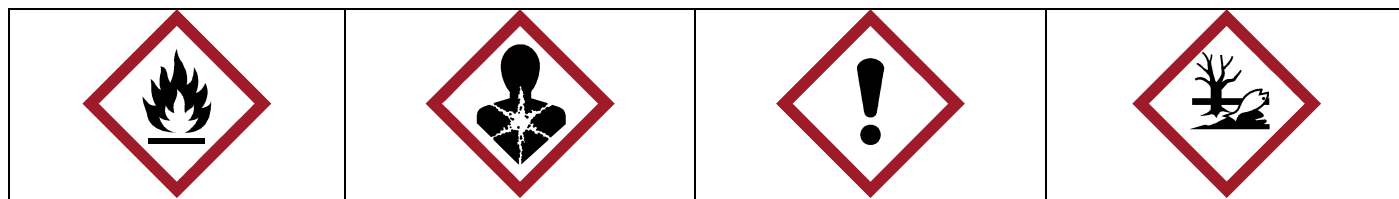
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic category 1	H410	Very toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word



**DANGER:**

**H-Statements:**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

#### **P-Statements:**

##### **Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

##### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

##### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

##### **Disposal:**

P501	Dispose of contents/container to special waste.
------	---

## **2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Geraniol	max. 0,1 %
Linalool	max. 0,2 %
Citral	max. 3,0 %
Limonene	62,0 - 68,0 %

## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Substances**

**Chemical Identification:** Citrus limonum oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

<b>Ingredient</b>	<b>Concentration</b>	<b>Registration-N.</b>	<b>CLP-Classification</b>
alpha-Pinene	< 3,0 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
alpha-Terpineol	< 3,0 %	CAS-No: 98-55-5 EINECS-No: 202-680-6	Org. Perox. EF, H242-3 Skin Irrit. 2, H315

			Eye Irrit. 2, H319
beta-Pinene	< 14,0 %	CAS-No: 127-91-3 EINECS-No: 204-872-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Citral (Neral + Geranial)	< 3,0 %	CAS-No: 5392-40-5 EINECS-No: 226-394-6	Skin Irrit. 2, H315 Skin Sens. 1, H317
gamma-Terpinene	< 12,0 %	CAS-No: 99-85-4 EINECS-No: 202-794-6	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Limonene	< 68,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Myrcene	< 3,0 %	CAS-No: 123-35-3 EINECS-No: 204-622-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO2, dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color: light yellow to greenish

Appearance: oily liquid

Odor: fresh, like lemon

pH-value: no data available

Flash point: 53°C

Water solubility: Insoluble

Steam pressure: Unavailable

Initial boiling point and boiling range: Unavailable

Relative density at 20 °C: 0,845 - 0,858

Refractive index at 20°C: 1,47 - 1,48

Optical rotation at 20°C: +55° to +70°

### 9.2 Other information:

Main components: Citrus limonum Oil (Lemon Oil, yellow), Citral, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Pinene	3.700 mg/kg (rat)	-	-
alpha-Terpineol	3.200 mg/kg (rat)	-	-
beta-Pinene	4.700 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
Citral (Neral + Geranial)	4.960 mg/kg (rat)	2.250 mg/kg (rabbit)	-
gamma-Terpinene	3.650 mg/kg (rat)	-	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Myrcene	> 5.000 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-

#### Skin corrosion/irritation:

H315 Causes skin irritation.

#### Serious eye damage/irritation:

No significant effects or critical hazards.

#### Respiratory or skin sensitization:

H317 May cause an allergic skin reaction.

#### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

#### Germ cell mutagenicity:

No significant effects or critical hazards.

#### Carcinogenicity:

No significant effects or critical hazards.

#### Reproductive toxicity:

No significant effects or critical hazards.

#### STOT-single exposure

Unavailable data.

#### STOT-repeated exposure

Unavailable data.

#### Information on likely routes of exposure

Unavailable data.

#### Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H410 Very toxic to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential**

**Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KO/W)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

**12.6 Other adverse effects**

No further relevant information available.

**13. DISPOSAL CONSIDERATION**

**13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

**14. TRANSPORT INFORMATION**

**14.1 UN-number**

1169

**14.2 UN proper shipping name**

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

**14.3 Transport hazard class**

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

**14.4 Packing group**

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

**14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
------	-------------

### Prevention:



P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
------	---

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

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Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>2310 Orange sweet Organic</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Orange sweet Organic
Botanical Name:	Citrus sinensis
INCI:	Citrus aurantium dulcis (Orange) Peel Oil
CAS TSCA-No:	8008-57-9
CAS EINECS-No:	8028-48-6
EINECS-No.:	232-433-8
FEMA-No.:	2825

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
----------------	--------------------------------

### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

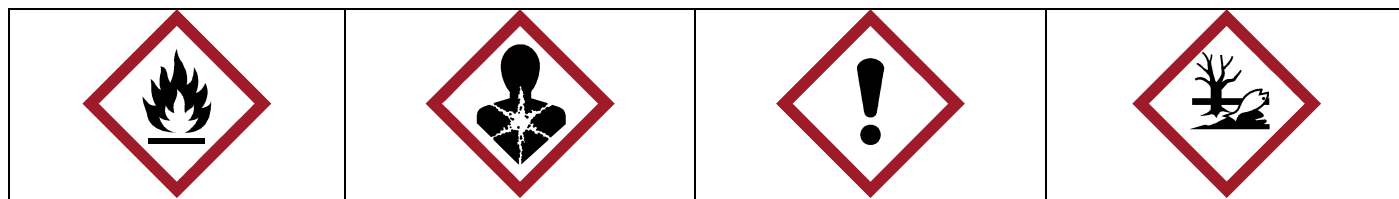
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, acute category 1	H400	Very toxic to aquatic life.

### 2.2 Label elements

Hazard pictogram and signal word



**DANGER:**

#### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.

#### **P-Statements:**

##### **Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

##### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

##### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

##### **Disposal:**

P501	Dispose of contents/container to special waste.
------	---

### **2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Citral	max. 0,2 %
Linalool	max. 0,7 %
Limonene	max. 97,0 %
Geraniol	max. 0,1 %

## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Substances**

**Chemical Identification:** Citrus sinensis oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

<b>Ingredient</b>	<b>Concentration</b>	<b>Registration-N.</b>	<b>CLP-Classification</b>
alpha-Pinene	< 0,8 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Citral (Neral + Geranial)	< 0,2 %	CAS-No: 5392-40-5 EINECS-No: 226-394-6	Skin Irrit. 2, H315 Skin Sens. 1, H317

Decanal	< 0,7 %	CAS-No: 112-31-2 EINECS-No: 203-957-4	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Limonene	< 96,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Myrcene	< 3,5 %	CAS-No: 123-35-3 EINECS-No: 204-622-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Octanal	< 0,45 %	CAS-No: 124-13-0 EINECS-No: 204-683-8	Skin Irrit. 2, H315

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO <sub>2</sub> , dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	yellowish to orange
Appearance:	oily liquid
Odor:	sweet, like oranges
pH-value:	no data available
Flash point:	48°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,842 - 0,85
Refractive index at 20°C:	1,47 - 1,476
Optical rotation at 20°C:	+94° to +99°

### 9.2 Other information:

Main components: Citrus aurantium dulcis (Orange) Peel Oil, Citral, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

## 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Pinene	3.700 mg/kg (rat)	-	-
Citral (Neral + Geranial)	4.960 mg/kg (rat)	2.250 mg/kg (rabbit)	-
Decanal	> 41.750 mg/kg (mouse)	4.193 mg/kg (rabbit)	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Myrcene	> 5.000 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
Octanal	-	-	-

#### Skin corrosion/irritation:

H315 Causes skin irritation.

#### Serious eye damage/irritation:

No significant effects or critical hazards.

#### Respiratory or skin sensitization:

H317 May cause an allergic skin reaction.

#### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

#### Germ cell mutagenicity:

No significant effects or critical hazards.

#### Carcinogenicity:

No significant effects or critical hazards.

#### Reproductive toxicity:

No significant effects or critical hazards.

#### STOT-single exposure

Unavailable data.

#### STOT-repeated exposure

Unavailable data.

#### Information on likely routes of exposure

Unavailable data.

#### Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.

According to regulation 1272/2008:

H400 Very toxic to aquatic life.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KO/W)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

**12.6 Other adverse effects**

No further relevant information available.

**13. DISPOSAL CONSIDERATION****13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

**14. TRANSPORT INFORMATION****14.1 UN-number**

1169

**14.2 UN proper shipping name**

<b>Land transport:</b>	ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG
<b>Transport by sea:</b>	IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID
<b>Transport by air:</b>	ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

**14.3 Transport hazard class**

<b>ADR/RID:</b>	Class 3
<b>IMDG/IMO:</b>	Class 3
<b>ICAO/IATA:</b>	Class 3

**14.4 Packing group**

<b>ADR/RID:</b>	Packing group III, Kemler code: 30
<b>IMDG/IMO:</b>	Packing group III
<b>ICAO/IATA:</b>	Packing group III

**14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.  
 Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.  
 Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.  
 Directive 2003/15/EC  
 Directive 2006/8/EC  
 Directive 91/322/EEC  
 Directive 2000/39/EC  
 Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments  
 Regulation (EC) No 1272/2008 (CLP)  
 Regulation (EC) No 790/2009  
 Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments  
 German Regulation on Substances Hazardous to Water 2005 (VwVwS),

## 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b>Prevention:</b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.



P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

#### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

#### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

#### **Disposal:**

P501	Dispose of contents/container to special waste.
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#### **Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>1505 Geranium (Rose Geranium)</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Geranium (Rose Geranium)
Botanical Name:	Pelargonium roseum
INCI:	Pelargonium roseum (Geranium) Leaf oil
CAS TSCA-No:	8000-46-2
CAS EINECS-No:	90082-51-2
EINECS-No.:	290-140-0
FEMA-No.:	2508

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

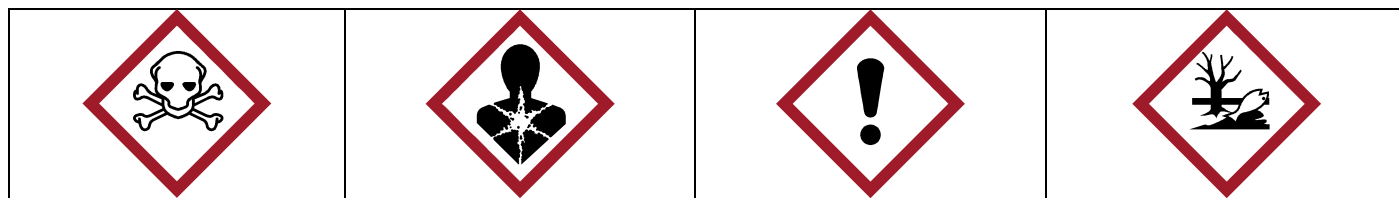
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Acute Toxicity, category 4 - oral	H302	Harmful if swallowed.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Acute Toxicity, category 4 - dermal	H312	Harmful in contact with skin.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Causes serious eye damage/irritation, category 1	H318	Causes serious eye damage.
Hazardous to the aquatic environment, chronic category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word



**DANGER:**

**H-Statements:**

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

**P-Statements:****Prevention:**

P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see on this label).
P322	Specific measures (see on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

**Storage:**

P405	Store locked up.
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**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Geraniol	max. 20,0 %
Citronellol	max. 35,0 %
Linalool	max. 8,0 %
Limonene	max. 1,0 %
Citral	max. 2,0 %

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Pelargonium roseum oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
alpha-Terpineol	< 2,0 %	CAS-No: 98-55-5 EINECS-No: 202-680-6	Org. Perox. EF, H242-3 Skin Irrit. 2, H315 Eye Irrit. 2, H319
beta-Caryophyllene	< 4,0 %	CAS-No: 87-44-5 EINECS-No: 201-746-1	Asp. Tox. 1, H304

Citral (Neral + Geranial)	< 2,0 %	CAS-No: 5392-40-5 EINECS-No: 226-394-6	Skin Irrit. 2, H315 Skin Sens. 1, H317
Citronellol	< 35,0 %	CAS-No: 106-25-2 EINECS-No: 203-378-7	Skin Irrit. 2, H315 Skin Sens. 1, H317
Citronellyl acetate	< 2,0 %	CAS-No: 150-84-5 EINECS-No: 205-775-0	Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Geraniol	< 20,0 %	CAS-No: 106-23-0 EINECS-No: 203-376-6	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318
Geranyl acetate	< 3,0 %	CAS-No: 105-87-3 EINECS-No: 203-341-5	Aquatic Chronic 2, H411
Linalool	< 7,0 %	CAS-No: 78-70-6 EINECS-No: 201-134-4	Skin Irrit. 2, H315
Menthone	< 4,0 %	CAS-No: 10458-14-7 EINECS-No: 233-944-9	Aquatic Chronic 3, H412
Nerol	< 3,0 %	CAS-No: 106-25-2 EINECS-No: 203-378-7	Skin Irrit. 2, H315 Eye Irrit. 2, H319
trans-Linalool-Oxide	< 3,0 %	CAS-No: 1365-19-1 EINECS-No: 215-723-9	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO <sub>2</sub> , dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.  
Burning will cause strong smoke and soot.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.  
Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	light yellow to yellow
Appearance:	oily liquid
Odor:	rose, fruity
pH-value:	no data available
Flash point:	64°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,885 - 0,905
Refractive index at 20°C:	1,461 - 1,475
Optical rotation at 20°C:	-14° to -8°

### 9.2 Other information:

Main components: Pelargonium roseum (Geranium) Leaf oil, Citral, Citronellol, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

#### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

#### 10.5 Incompatible materials

Avoid flammable materials, PVC.

#### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Terpineol	3.200 mg/kg (rat)	-	-
beta-Caryophyllene	-	-	-
Citral (Neral + Geranial)	4.960 mg/kg (rat)	2.250 mg/kg (rabbit)	-
Citronellol	4.500 mg/kg (rat)	5.000 mg/kg (rabbit)	-
Citronellyl acetate	6.800 mg/kg (rat)	-	-
Geraniol	2.420 mg/kg (rat)	> 2.500 mg/kg (rabbit)	-
Geranyl acetate	6.330 mg/kg (rat)	-	-
Linalool	2.790 mg/kg (rat)	5.610 mg/kg (rat)	-
Menthone	-	-	-
Nerol	4.500 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
trans-Linalool-Oxide	-	-	-

#### Skin corrosion/irritation:

No significant effects or critical hazards.

#### Serious eye damage/irritation:

H318 Causes serious eye damage.

#### Respiratory or skin sensitization:

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

#### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

#### Germ cell mutagenicity:

No significant effects or critical hazards.

#### Carcinogenicity:

No significant effects or critical hazards.

#### Reproductive toxicity:

No significant effects or critical hazards.

#### STOT-single exposure

Unavailable data.

#### STOT-repeated exposure

Unavailable data.

#### Information on likely routes of exposure

Unavailable data.

#### Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

## **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

## **12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H411 Toxic to aquatic life with long lasting effects.

#### **Daphnies toxicity (EC50):**

No further relevant information available.

### **12.2 Persistence and degradability**

No further relevant information available.

### **12.3 Bioaccumulative potential**

#### **Bioconcentration factor (BCF):**

No further relevant information available.

#### **Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

### **12.4 Mobility in soil**

No further relevant information available.

### **12.5 Results of PBT and vPvB assessment**

No further relevant information available.

### **12.6 Other adverse effects**

No further relevant information available.

## **13. DISPOSAL CONSIDERATION**

### **13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## **14. TRANSPORT INFORMATION**

### **14.1 UN-number**

3082

### **14.2 UN proper shipping name**

<b>Land transport:</b>	ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG
<b>Transport by sea:</b>	IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID
<b>Transport by air:</b>	ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### **14.3 Transport hazard class**

<b>ADR/RID:</b>	Class 3
<b>IMDG/IMO:</b>	Class 3
<b>ICAO/IATA:</b>	Class 3

### **14.4 Packing group**

<b>ADR/RID:</b>	Packing group III, Kemler code: 30
<b>IMDG/IMO:</b>	Packing group III
<b>ICAO/IATA:</b>	Packing group III

### **14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

#### 14.6 Special precautions for user

Not applicable.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

### 15. REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

#### 15.2 Chemical safety assessment

Not relevant.

### 16. OTHER INFORMATION

#### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

#### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

#### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.



H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

**Precaution statements according to regulation (EC) 1272/2008 (CLP):**

<b>Code</b>	<b>Description</b>
<b><u>Prevention:</u></b>	
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see on this label).
P322	Specific measures (see on this label).
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

**Storage:**

P405	Store locked up.
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**Disposal:**

P501	Dispose of contents/container to special waste.
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**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 7	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>3080 Cedar Wood (Atlas Cedar Wood)</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Cedar Wood (Atlas Cedar Wood)
Botanical Name:	Cedrus atlantica
INCI:	Cedrus atlantica(Cedar) Wood Oil
CAS TSCA-No:	8023-85-6
CAS EINECS-No:	92201-55-3
EINECS-No.:	295-985-9
FEMA-No.:	/

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschof 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240



## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Hazardous to the aquatic environment, chronic category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word

			
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#### DANGER:

##### H-Statements:

H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

##### P-Statements:

##### Prevention:

P273	Avoid release to the environment.
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##### Response:

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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P331	Do NOT induce vomiting.
P391	Collect spillage.
<b><u>Storage:</u></b>	
P405	Store locked up.
<b><u>Disposal:</u></b>	
P501	Dispose of contents/container to special waste.

## 2.3 Other Hazards

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

none	
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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

**Chemical Identification:** Cedrus atlantica oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
alpha-Cedrene	0,3 - 3,8 %	CAS-No: 469-61-4 EINECS-No: 207-418-4	Asp. Tox. 1, H304 Aquatic Chronic 1, H410

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO2, dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:**

Use in well aired areas.

**Eye protection:**

Safety glasses.

**Hand protection:**

Protecting gloves.

**Skin protection:**

Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	orange-yellow to red-brown
Appearance:	oily liquid
Odor:	woody, sweet
pH-value:	no data available
Flash point:	> +100°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,925 - 0,94
Refractive index at 20°C:	1,51 - 1,517
Optical rotation at 20°C:	+57,5° to +82,5°

### 9.2 Other information:

Main components: Cedrus atlantica(Cedar) Wood Oil,

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

#### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

#### 10.5 Incompatible materials

Avoid flammable materials, PVC.

#### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Cedrene	-	-	-

#### Skin corrosion/irritation:

No significant effects or critical hazards.

#### Serious eye damage/irritation:

No significant effects or critical hazards.

#### Respiratory or skin sensitization:

No significant effects or critical hazards.

#### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

#### Germ cell mutagenicity:

No significant effects or critical hazards.

#### Carcinogenicity:

No significant effects or critical hazards.

#### Reproductive toxicity:

No significant effects or critical hazards.

#### STOT-single exposure

Unavailable data.

#### STOT-repeated exposure

Unavailable data.

#### Information on likely routes of exposure

Unavailable data.

#### Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Unavailable data.

### 12. ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H411 Toxic to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KOW)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

**12.6 Other adverse effects**

No further relevant information available.

**13. DISPOSAL CONSIDERATION****13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

**14. TRANSPORT INFORMATION****14.1 UN-number**

3082

**14.2 UN proper shipping name**

<b>Land transport:</b>	ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG
<b>Transport by sea:</b>	IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID
<b>Transport by air:</b>	ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

**14.3 Transport hazard class**

<b>ADR/RID:</b>	Class 3
<b>IMDG/IMO:</b>	Class 3
<b>ICAO/IATA:</b>	Class 3

**14.4 Packing group**

<b>ADR/RID:</b>	Packing group III, Kemler code: 30
<b>IMDG/IMO:</b>	Packing group III
<b>ICAO/IATA:</b>	Packing group III

**14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.  
 Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.  
 Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.  
 Directive 2003/15/EC  
 Directive 2006/8/EC  
 Directive 91/322/EEC  
 Directive 2000/39/EC  
 Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments  
 Regulation (EC) No 1272/2008 (CLP)  
 Regulation (EC) No 790/2009  
 Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments  
 German Regulation on Substances Hazardous to Water 2005 (VwVwS),

## 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P273	Avoid release to the environment.
<b><u>Response:</u></b>	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P391	Collect spillage.
<b><u>Storage:</u></b>	

P405

Store locked up.

**Disposal:**

P501

Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.



Created on: 26.08.2016 Page: 1 of 8	<p align="center"><b>SAFETY DATA SHEET</b></p> <p align="center">according to regulation (EC) 1907/2009          according to regulation (EU) 453/2010</p> <p align="center"><b>2775 Fir Cones (Silver Fir Cones, Templin Oil)</b></p>	<p align="center"><b>Oshadhi</b>  <i>Passion for Nature</i></p>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Fir Cones (Silver Fir Cones, Templin Oil)
Botanical Name:	Abies alba
INCI:	Abies alba Oil (Silver Fir Cones Oil, Templin Oil)
CAS TSCA-No:	8021-27-0
CAS EINECS-No:	90028-76-5
EINECS-No.:	289-870-2
FEMA-No.:	/

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

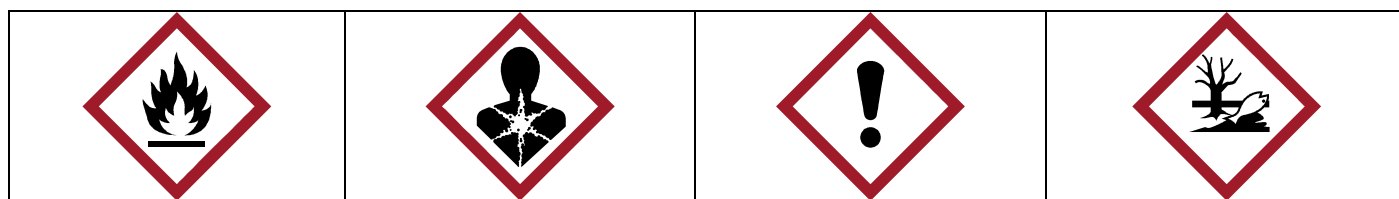
## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic category 1	H410	Very toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word



**DANGER:**

**H-Statements:**

H226 Flammable liquid and vapour.

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

#### **P-Statements:**

##### **Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

##### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.
P391	Collect spillage.

##### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

##### **Disposal:**

P501	Dispose of contents/container to special waste.
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### **2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Limonene	60,0 - 72,0 %
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## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Substances**

**Chemical Identification:** Abies alba oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

<b>Ingredient</b>	<b>Concentration</b>	<b>Registration-N.</b>	<b>CLP-Classification</b>
alpha-Pinene	15,0 - 23,0 %	CAS-No: 80-56-8 EINECS-No: 201-291-9	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410
beta-Pinene	2,0 - 3,5 %	CAS-No: 127-91-3 EINECS-No: 204-872-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Sens. 1, H317 Aquatic Chronic 1, H410

Limonene	60,0 % - 72,0 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Myrcene	0,5 % - 2,0 %	CAS-No: 123-35-3 EINECS-No: 204-622-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO <sub>2</sub> , dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

## **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

## **7.3 Specific end uses**

No specific.

# **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

## **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## **8.2 Exposure controls**

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

# **9. PHYSICAL AND CHEMICAL PROPERTIES**

## **9.1 Information on basic physical and chemical properties**

Color:	colorless
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	33°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,85 - 0,87
Refractive index at 20°C:	1,472 - 1,475
Optical rotation at 20°C:	-84° to -60°

## **9.2 Other information:**

Main components: Abies alba Oil (Silver Fir Cones Oil, Templin Oil), Limonene

# **10. STABILITY AND REACTIVITY**

## **10.1 Reactivity**

This product is stable under normal usage conditions.

## **10.2. Chemical stability**

This product is stable under normal usage conditions.

## **10.3 Possibility of hazardous reactions**

None according to our knowledge.

## **10.4 Conditions to avoid**

Do not expose to high temperature or ignition.

## **10.5 Incompatible materials**

Avoid flammable materials, PVC.

## **10.6 Hazardous decompositions products**

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
alpha-Pinene	3.700 mg/kg (rat)	-	-
beta-Pinene	4.700 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Myrcene	> 5.000 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-

#### Skin corrosion/irritation:

H315 Causes skin irritation.

#### Serious eye damage/irritation:

No significant effects or critical hazards.

#### Respiratory or skin sensitization:

H317 May cause an allergic skin reaction.

#### Aspiration hazard:

H304 May be fatal if swallowed and enters airways.

#### Germ cell mutagenicity:

No significant effects or critical hazards.

#### Carcinogenicity:

No significant effects or critical hazards.

#### Reproductive toxicity:

No significant effects or critical hazards.

#### STOT-single exposure

Unavailable data.

#### STOT-repeated exposure

Unavailable data.

#### Information on likely routes of exposure

Unavailable data.

#### Symptoms related to the physical, chemical and toxicological characteristics

Unavailable data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

H410 Very toxic to aquatic life with long lasting effects.

#### Daphnies toxicity (EC50):

No further relevant information available.

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

#### Bioconcentration factor (BCF):

No further relevant information available.

#### Partition coefficient n-octanol / water (log KO/W)

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

No further relevant information available.

### 12.6 Other adverse effects

No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

1272

### 14.2 UN proper shipping name

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

### 14.4 Packing group

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: Yes

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.  
Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC  
Directive 91/322/EEC  
Directive 2000/39/EC  
Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments  
Regulation (EC) No 1272/2008 (CLP)  
Regulation (EC) No 790/2009  
Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments  
German Regulation on Substances Hazardous to Water 2005 (VwVwS),

## 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
FEMA:	Federal Emergency Management Agency
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H410	Very toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

P280

Wear protective gloves / eye protection.

**Response:**

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353  
with water/shower.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

P321

Specific treatment (see on this label).

P331

Do NOT induce vomiting.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

P362

Take off contaminated clothing and wash before reuse.

P363

Wash contaminated clothing before reuse.

P370+P378

In case of fire: Use CO2 for extinction.

P391

Collect spillage.

**Storage:**

P403+P235

Store in a well-ventilated place. Keep cool.

P405

Store locked up.

**Disposal:**

P501

Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:

see section 2

First aid measures:

see section 4

Firefighting measures:

see section 5

Personal protection equipment:

see section 8

Waste treatment methods:

see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.



Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>1870 Lavandin sweet super Organic</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Lavandin sweet super Organic
Botanical Name:	Lavandula hybrida
INCI:	Lavandula hybrida Oil (Lavandin Oil, sweet)
CAS TSCA-No:	8022-15-9
CAS EINECS-No:	91722-69-9
EINECS-No.:	294-470-6
FEMA-No.:	2618

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word

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### WARNING:

#### H-Statements:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

#### P-Statements:

#### Prevention:

P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

**Response:**

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

**Storage:**

**Disposal:**

P501	Dispose of contents/container to special waste.
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### 2.3 Other Hazards

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Geraniol	max. 0,5 %
Limonene	max. 1,5 %
Linalool	max. 46,0 %
Coumarin	max. 0,2 %

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

**Chemical Identification:** Lavandula hybrida oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Concentration	Registration-N.	CLP-Classification
1,8-Cineol	< 6,0 %	CAS-No: 470-82-6 EINECS-No: 207-431-5	Flam. Liq. 3, H226
beta-Caryophyllene	< 3,0 %	CAS-No: 87-44-5 EINECS-No: 201-746-1	Asp. Tox. 1, H304
beta-Farnesene	< 3,0 %	CAS-No: 18794-84-8 EINECS-No: 242-582-0	Skin Irrit. 2, H315
Borneol	< 6,0 %	CAS-No: 507-70-0 EINECS-No: 208-080-0	Flam. Sol. 2, H228-1
Camphor	< 7,0 %	CAS-No: 76-22-2 EINECS-No: 200-945-0	Flam. Sol. 2, H228-1 Acute Tox. 4, H332 STOT SE 2, H371
cis-beta-Ocimene	< 4,0 %	CAS-No: 3338-55-4 EINECS-No: 222-081-3	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Limonene	< 1,5 %	CAS-No: 5989-27-5 EINECS-No: 227-813-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Linalool	< 46,0 %	CAS-No: 78-70-6 EINECS-No: 201-134-4	Skin Irrit. 2, H315
Myrcene	< 3,0 %	CAS-No: 123-35-3 EINECS-No: 204-622-5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
trans-beta-Ocimene	< 5,0 %	CAS-No: 13877-91-3	Flam. Liq. 3, H226

		EINECS-No: 237-641-2	Asp. Tox. 1, H304
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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### 4.2 Most important symptoms and effects, both acute and delayed

No further details.

### 4.3 Indication of any immediate medical attention and special treatment needed

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Advised extinguisher:</b>	Use CO <sub>2</sub> , dry powder, fire extinguisher or foam.
<b>Unadvisable extinguisher:</b>	Direct jet of water.

### 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

### 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

### 6.4 Reference to other sections

Please see section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 7.3 Specific end uses

No specific.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	light yellow
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	+74°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,887 - 0,897
Refractive index at 20°C:	1,454 - 1,462
Optical rotation at 20°C:	-9° to -5°

### 9.2 Other information:

Main components: Lavandula hybrida Oil (Lavandin Oil, sweet), Coumarin, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
1,8-Cineol	2.480 mg/kg (rat)	-	-
beta-Caryophyllene	-	-	-
beta-Farnesene	-	-	-
Borneol	4.300 mg/kg (rat)	> 3.000 mg/kg (rabbit)	-
Camphor	1.310 mg/kg (mouse)	-	-

cis-beta-Ocimene	-	-	-
Limonene	4.400 mg/kg (rat)	> 2.000 mg/kg (rabbit)	-
Linalool	2.790 mg/kg (rat)	5.610 mg/kg (rat)	-
Myrcene	> 5.000 mg/kg (rat)	> 5.000 mg/kg (rabbit)	-
trans-beta-Ocimene	-	-	-

**Skin corrosion/irritation:**

H315 Causes skin irritation.

**Serious eye damage/irritation:**

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

No significant effects or critical hazards.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment. According to regulation 1272/2008:

H411 Toxic to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

**Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KO/W)**

No further relevant information available.

#### **12.4 Mobility in soil**

No further relevant information available.

#### **12.5 Results of PBT and vPvB assessment**

No further relevant information available.

#### **12.6 Other adverse effects**

No further relevant information available.

### **13. DISPOSAL CONSIDERATION**

#### **13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

### **14. TRANSPORT INFORMATION**

#### **14.1 UN-number**

n.r.

#### **14.2 UN proper shipping name**

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

#### **14.3 Transport hazard class**

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

#### **14.4 Packing group**

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

#### **14.5 Environmental hazards**

IMDG - Sea pollutant: Yes

#### **14.6 Special precautions for user**

Not applicable.

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

### **15. REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

## 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
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GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
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ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

### **Response:**

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.

### **Storage:**

### **Disposal:**

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.



Created on: 26.08.2016 Page: 1 of 7	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>2930 Vanilla 5x Alcohol Extract Organic</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Vanilla 5x Alcohol Extract Organic
Botanical Name:	Vanilla planifolia
INCI:	Vanilla planifolia (Vanilla) Tincture
CAS TSCA-No:	8024-06-4
CAS EINECS-No:	84650-63-5
EINECS-No.:	283-521-8
FEMA-No.:	3106

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240



## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic category 3	H412	Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

Hazard pictogram and signal word

			
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### WARNING:

#### H-Statements:

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

#### P-Statements:

#### Prevention:

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

#### **Response:**

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

#### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
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#### **Disposal:**

P501	Dispose of contents/container to special waste.
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### **2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

none	
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## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Substances**

**Chemical Identification:** Vanilla planifolia oil (100% natural essential oil)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

<b>Ingredient</b>	<b>Concentration</b>	<b>Registration-N.</b>	<b>CLP-Classification</b>
Para-hydroxybenzoic acid	< 0,25 %	CAS-No: 69-72-7 EINECS-No: 200-712-3	Acute Tox. 4, H302 Eye Irrit. 2, H319
Vanilline	< 9,0 %	CAS-No: 121-33-5 EINECS-No: 204-465-2	Skin Sens. 1, H317

## **4. FIRST AID MEASURES**

### **4.1 Description of first aid measures**

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## **5. FIREFIGHTING MEASURES**

## 5.1 Extinguishing media

**Advised extinguisher:** Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

## 5.2 Special hazards arising from the substance or mixture

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

## 5.3 Advice for firefighters

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

# 6. ACCIDENTAL RELEASE MEASURES

## 6.1 Personal precautions, protective equipment and emergency procedures

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

## 6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

## 6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

## 6.4 Reference to other sections

Please see section 8 and 13.

# 7. HANDLING AND STORAGE

## 7.1 Precautions for safe handling

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

## 7.2 Conditions for safe storage, including any incompatibilities

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

## 7.3 Specific end uses

No specific.

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice:

Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

**Color:** brown

**Appearance:** oily liquid

Odor:	characteristic Vanilla
pH-value:	no data available
Flash point:	45°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	0,95 - 1,1
Refractive index at 20°C:	1,362 - 1,382
Optical rotation at 20°C:	no data available

## 9.2 Other information:

Main components: Vanilla planifolia (Vanilla) Tincture,

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalation LC50
Para-hydroxybenzoic acid	891 mg/kg (rat)	> 10.000 mg/kg (rabbit)	1 h - > 900 mg/m <sup>3</sup> (rat)
Vanilline	3.300 mg/kg (rat)	> 5.010 mg/kg (rabbit)	-

### Skin corrosion/irritation:

No significant effects or critical hazards.

### Serious eye damage/irritation:

No significant effects or critical hazards.

### Respiratory or skin sensitization:

H317 May cause an allergic skin reaction.

### Aspiration hazard:

No significant effects or critical hazards.

### Germ cell mutagenicity:

No significant effects or critical hazards.

### Carcinogenicity:

No significant effects or critical hazards.

### Reproductive toxicity:

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.

According to regulation 1272/2008:

H412 Harmful to aquatic life with long lasting effects.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KO/W)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

**12.6 Other adverse effects**

No further relevant information available.

**13. DISPOSAL CONSIDERATION****13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

**14. TRANSPORT INFORMATION****14.1 UN-number**

1266

**14.2 UN proper shipping name**

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

ADR/RID: Class 3  
IMDG/IMO: Class 3  
ICAO/IATA: Class 3

### 14.4 Packing group

ADR/RID: Packing group III, Kemler code: 30  
IMDG/IMO: Packing group III  
ICAO/IATA: Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: No

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
CLP: Classification, Labeling, Packaging  
EINECS: European Inventory of Existing Commercial Chemical Substances  
FEMA: Federal Emergency Management Agency  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals  
IATA: Dangerous Goods Regulation by the "International Air Transport Association" (IATA)  
ICAO: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
IMDG: International Maritime Code for Dangerous Goods  
IMO: International Maritime Organization  
INCI: International Nomenclature of Cosmetic Ingredients  
LC50: Lethal Concentration for 50 percent of the test population

LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

#### **Hazard statements according to regulation (EC) 1272/2008 (CLP):**

<b>Code</b>	<b>Description</b>
H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

#### **Precaution statements according to regulation (EC) 1272/2008 (CLP):**

<b>Code</b>	<b>Description</b>
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.

#### **Response:**

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

#### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
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#### **Disposal:**

P501	Dispose of contents/container to special waste.
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#### **Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>4200 Relaxation</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Relaxation
Botanical Name / INCI:	Not applicable
CAS TSCA-No:	Not applicable
CAS EINECS-No:	Not applicable
EINECS-No.:	Not applicable

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240




## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.

### 2.2 Label elements

Hazard pictogram and signal word

			
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**DANGER:**

### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.



**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Citral
Geraniol
Linalool
Citronellol
Limonene

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Relaxation (mixture of 100% natural essential oils)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Registration-N.	CLP-Classification
No other information.		

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.

<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Advised extinguisher:** Use CO2, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

#### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

#### **5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

#### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

#### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

#### **6.4 Reference to other sections**

Please see section 8 and 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

#### **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

#### **7.3 Specific end uses**

No specific.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

### Personal protective equipment:

#### Breathing protection:

Use in well aired areas.

#### Eye protection:

Safety glasses.

#### Hand protection:

Protecting gloves.

#### Skin protection:

Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	orange brown
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	no data available
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	no data available
Refractive index at 20°C:	no data available
Optical rotation at 20°C:	no data available

### 9.2 Other information:

Main components: Citrus aurantium amara (Petitgrain Bigarade) Leaf/Flower Oil, Eucalyptus globulus Oil, Citrus aurantifolia (Lime) Peel Oil distilled, Citrus aurantium dulcis (Orange) Peel Oil, Lavandula angustifolia Oil (Lavender Matherone Oil), Cinnamomum camphora Bark (Howood) Oil, Citrus reticulata Peel Oil (Mandarine Oil, red (Tangerine Oil)), Litsea cubeba Fruit Oil (Litsea Oil), Citral, Citronellol, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalativ LC50
No other information.			

### Skin corrosion/irritation:

H315 Causes skin irritation.

### Serious eye damage/irritation:

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.

According to regulation 1272/2008:

No significant effects or critical hazards.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

**12.6 Other adverse effects**

No further relevant information available.

**13. DISPOSAL CONSIDERATION**

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

### 14.2 UN proper shipping name

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG  
**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID  
**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

**ADR/RID:** Class 3  
**IMDG/IMO:** Class 3  
**ICAO/IATA:** Class 3

### 14.4 Packing group

**ADR/RID:** Packing group III, Kemler code: 30  
**IMDG/IMO:** Packing group III  
**ICAO/IATA:** Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: No

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.  
Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

**Common shortened form:**

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

**Hazard statements according to regulation (EC) 1272/2008 (CLP):**

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

**Precaution statements according to regulation (EC) 1272/2008 (CLP):**

Code	Description
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>4600 Meditation</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Meditation
Botanical Name / INCI:	Not applicable
CAS TSCA-No:	Not applicable
CAS EINECS-No:	Not applicable
EINECS-No.:	Not applicable

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240




## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.

### 2.2 Label elements

Hazard pictogram and signal word

			
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**DANGER:**

#### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.



**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Geraniol
Farnesol
Benzyl Benzoate
Benzyl Alcohol
Cinnamaldehyde

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Meditation (mixture of 100% natural essential oils)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Registration-N.	CLP-Classification
No other information.		

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.

<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Advised extinguisher:** Use CO2, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

#### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

#### **5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

#### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

#### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

#### **6.4 Reference to other sections**

Please see section 8 and 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

#### **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

#### **7.3 Specific end uses**

No specific.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

### Personal protective equipment:

#### Breathing protection:

Use in well aired areas.

#### Eye protection:

Safety glasses.

#### Hand protection:

Protecting gloves.

#### Skin protection:

Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	amber
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	no data available
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	no data available
Refractive index at 20°C:	no data available
Optical rotation at 20°C:	no data available

### 9.2 Other information:

Main components: Santalum album (Sandalwood) Wood Oil, Nardostachys jatamansi (Spikenard) Oil, Bursera delpechiana (Linaloe Berry) Oil, Melaleuca quinquenervia (Niaouli) Oil, Nardostachys sinensis Oil (Spikenard Oil), Vetiveria zizanoides (Vetiver) Root Oil, Liquidamber orientalis Oil (Styrax Oil), Cinnamomum camphora Bark (Howood) Oil, Santalum spicata Wood Oil (Sandalwood Oil), Myroxylon balsamum (Tolu) Balsam Extract, Copaifera officinalis Oil (Copaiva Oil), Commiphora myrrha (Myrrh) Gum Oil, Jasminum grandiflorum (Jasmine) Flower Extract, Pogostemon cablin (Patchouli) Oil, Boswellia serrata Oil (Frankincense Oil, India), Fokienia hodgensii (Siam Wood) Oil, Dipterocarpus turbinatus Oil (Gurjum Balm Oil), Amyris balsamifera (Amyris) Bark Oil, Myrocarpus fastigiatus (Cabreuva) Wood Oil, Benzyl Alcohol, Benzyl Benzoate, Cinnamaldehyde, Farnesol, Geraniol

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalativ LC50
No other information.			

### Skin corrosion/irritation:

H315 Causes skin irritation.

**Serious eye damage/irritation:**

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

No significant effects or critical hazards.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

## 12.6 Other adverse effects

No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

### 14.2 UN proper shipping name

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

### 14.4 Packing group

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: No

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

### Response:

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

### Storage:

P403+P235	Store in a well-ventilated place. Keep cool.
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P405

Store locked up.

**Disposal:**

P501

Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>4690 Revitalizing</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Revitalizing
Botanical Name / INCI:	Not applicable
CAS TSCA-No:	Not applicable
CAS EINECS-No:	Not applicable
EINECS-No.:	Not applicable

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240




## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.

### 2.2 Label elements

Hazard pictogram and signal word

			
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**DANGER:**

#### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.



**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
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P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Eugenol
Coumarin
Geraniol
Cinnamyl Alcohol
Linalool
Limonene
Cinnamaldehyde
Citronellol
Benzyl Benzoate

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Revitalizing (mixture of 100% natural essential oils)

**Hazardous constituent:** according to EG-Regulation 1272/2008 (CLP)

Ingredient	Registration-N.	CLP-Classification
No other information.		

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

## **5. FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

**Advised extinguisher:** Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

### **5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

### **6.4 Reference to other sections**

Please see section 8 and 13.

## **7. HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

### **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### **7.3 Specific end uses**

No specific.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

### Personal protective equipment:

<b>Breathing protection:</b>	Use in well aired areas.
<b>Eye protection:</b>	Safety glasses.
<b>Hand protection:</b>	Protecting gloves.
<b>Skin protection:</b>	Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	orange brown
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	no data available
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	no data available
Refractive index at 20°C:	no data available
Optical rotation at 20°C:	no data available

### 9.2 Other information:

Main components: Thuya occidentalis Oil (Cedar Leaf Oil (Thuya Oil)), Cinnamomum cassia Oil (Cinnamon Oil (Cassia Oil)), Pimenta acris (Bay) Leaf Oil, Cupressus sempervirens (Cypress) Leaf Oil, Rosmarinus officinalis (Rosemary) Leaf Oil, Mentha piperita (Peppermint) Oil, Juniperus communis (Juniper) Fruit Oil, Salvia sclarea (Clary Sage) Oil, Satureja montana Oil (Savory Oil, Winter), Lavandula hybrida (Lavandin) Oil, Benzyl Benzoate, Cinnamaldehyde, Cinnamyl Alcohol, Citronellol, Coumarin, Eugenol, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalativ LC50
No other information.			

### Skin corrosion/irritation:

H315 Causes skin irritation.

**Serious eye damage/irritation:**

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

No significant effects or critical hazards.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

## 12.6 Other adverse effects

No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

### 14.2 UN proper shipping name

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

### 14.4 Packing group

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: No

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

### Response:

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

### Storage:

P403+P235	Store in a well-ventilated place. Keep cool.
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P405

Store locked up.

**Disposal:**

P501

Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>4670 Sweet Repose</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Sweet Repose
Botanical Name / INCI:	Not applicable
CAS TSCA-No:	Not applicable
CAS EINECS-No:	Not applicable
EINECS-No.:	Not applicable

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240




## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.

### 2.2 Label elements

Hazard pictogram and signal word

			
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**DANGER:**

#### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.



**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Eugenol
Citral
Geraniol
Farnesol
Linalool
Citronellol
Limonene
Benzyl Alcohol
Benzyl Benzoate
Coumarin

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Sweet Repose (mixture of 100% natural essential oils)

**Hazardous constituent:** according to EG-Regulation 1272/2008 (CLP)

Ingredient	Registration-N.	CLP-Classification
No other information.		

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Advised extinguisher:** Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

#### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

#### **5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

#### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

#### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

#### **6.4 Reference to other sections**

Please see section 8 and 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

#### **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

#### **7.3 Specific end uses**

No specific.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### 8.1. Control parameters

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

### 8.2 Exposure controls

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	amber
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	no data available
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	no data available
Refractive index at 20°C:	no data available
Optical rotation at 20°C:	no data available

### 9.2 Other information:

Main components: Rosa damascena (Rose) Flower Oil, Rosa damascena (Rose) Flower Oil, Citrus aurantium Oil (Neroli Oil), Angelica archangelica Root Oil (Angelica Root Oil), Cinnamomum camphora (Camphor) Leaf Oil, Citrus aurantium amara (Bitter Orange) Peel Oil, Lavandula hybrida (Lavandin) Oil, Citrus bergamia (Bergamot) Peel Oil expressed, Nardostachys sinensis Oil (Spikenard Oil), Origanum majorana (Sweet Marjoram) Herb Oil, Thymus mastichina Oil (Marjoram Oil, wild), Citrus aurantium amara (Petitgrain Bigarade) Leaf/Flower Oil, Citrus reticulata (Tangerine) Peel Oil, Benzyl Alcohol, Benzyl Benzoate, Citral, Citronellol, Coumarin, Eugenol, Farnesol, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalativ LC50
No other information.			

**Skin corrosion/irritation:**

H315 Causes skin irritation.

**Serious eye damage/irritation:**

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

No significant effects or critical hazards.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KO/W)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

#### **12.6 Other adverse effects**

No further relevant information available.

### **13. DISPOSAL CONSIDERATION**

#### **13.1 Waste treatment methods**

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

### **14. TRANSPORT INFORMATION**

#### **14.1 UN-number**

#### **14.2 UN proper shipping name**

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

#### **14.3 Transport hazard class**

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

#### **14.4 Packing group**

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

#### **14.5 Environmental hazards**

IMDG - Sea pollutant: No

#### **14.6 Special precautions for user**

Not applicable.

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

Not applicable.

### **15. REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture**

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

#### **15.2 Chemical safety assessment**

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235

Store in a well-ventilated place. Keep cool.

P405

Store locked up.

**Disposal:**

P501

Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:

see section 2

First aid measures:

see section 4

Firefighting measures:

see section 5

Personal protection equipment:

see section 8

Waste treatment methods:

see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>4015 Summer Meadow</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Summer Meadow
Botanical Name / INCI:	Not applicable
CAS TSCA-No:	Not applicable
CAS EINECS-No:	Not applicable
EINECS-No.:	Not applicable

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240




## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.

### 2.2 Label elements

Hazard pictogram and signal word

			
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**DANGER:**

### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.



**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Coumarin
Citral
Geraniol
Linalool
Limonene
Farnesol
Benzyl Alcohol

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Summer Meadow (mixture of 100% natural essential oils)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Registration-N.	CLP-Classification
No other information.		

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

**Excessive inhalation:** Remove to fresh air environment – summon a physician immediately.

<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Advised extinguisher:** Use CO2, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

#### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

#### **5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

#### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

#### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

#### **6.4 Reference to other sections**

Please see section 8 and 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

#### **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

#### **7.3 Specific end uses**

No specific.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice:

Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

### Personal protective equipment:

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color: greenish to yellow-brown

Appearance: oily liquid

Odor: characteristic

pH-value: no data available

Flash point: no data available

Water solubility: Insoluble

Steam pressure: Unavailable

Initial boiling point and boiling range: Unavailable

Relative density at 20 °C: no data available

Refractive index at 20°C: no data available

Optical rotation at 20°C: no data available

### 9.2 Other information:

Main components: Lavandula hybrida (Lavandin) Oil, Hierochela alpina Extractl (Hay Extract in organic alcohol), Anethum graveolens Seed Oil (Dill Seed Oil), Helichrysum italicum Oil (Immortella Oil), Coriandrum sativum Seed Oil (Coriander Oil), Lavandula hybrida Oil (Lavandin Oil, sweet), Salvia sclarea (Clary Sage) Oil, Citrus limon (Lemon) Peel Oil, Cymbopogon martini (Palmarosa) Oil, Mentha citrata (Bergamot) Herb Oil, Benzyl Alcohol, Citral, Coumarin, Farnesol, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalativ LC50
No other information.			

### Skin corrosion/irritation:

H315 Causes skin irritation.

**Serious eye damage/irritation:**

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

No significant effects or critical hazards.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log KOW)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

**12.6 Other adverse effects**

No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

### 14.2 UN proper shipping name

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG  
**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID  
**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

**ADR/RID:** Class 3  
**IMDG/IMO:** Class 3  
**ICAO/IATA:** Class 3

### 14.4 Packing group

**ADR/RID:** Packing group III, Kemler code: 30  
**IMDG/IMO:** Packing group III  
**ICAO/IATA:** Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: No

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

## Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

## Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

## Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

## Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

## **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

## **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501

Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>4260 Energy</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Energy
Botanical Name / INCI:	Not applicable
CAS TSCA-No:	Not applicable
CAS EINECS-No:	Not applicable
EINECS-No.:	Not applicable

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240




## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.

### 2.2 Label elements

Hazard pictogram and signal word

			
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**DANGER:**

#### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.



**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Citral
Geraniol
Farnesol
Linalool
Citronellol
Limonene
Coumarin

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Energy (mixture of 100% natural essential oils)

**Hazardous constituent: according to EG-Regulation 1272/2008 (CLP)**

Ingredient	Registration-N.	CLP-Classification
No other information.		

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

**Excessive inhalation:** Remove to fresh air environment – summon a physician immediately.

<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Advised extinguisher:** Use CO2, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

#### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

#### **5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

#### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

#### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

#### **6.4 Reference to other sections**

Please see section 8 and 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

#### **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

#### **7.3 Specific end uses**

No specific.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice:

Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

### Personal protective equipment:

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	yellow
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	no data available
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	no data available
Refractive index at 20°C:	no data available
Optical rotation at 20°C:	no data available

### 9.2 Other information:

Main components: Satureja montana Oil (Savory Oil, Winter), Thuya occidentalis Oil (Cedar Leaf Oil (Thuya Oil)), Myrcarpus fastigiatus (Cabreuva) Wood Oil, Salvia sclarea (Clary Sage) Oil, Citrus bergamia (Bergamot) Peel Oil expressed, Pelargonium roseum (Geranium) Leaf oil, Lavandula hybrida (Lavandin) Oil, Mentha citrata (Bergamot) Herb Oil, Citral, Citronellol, Coumarin, Farnesol, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalativ LC50
No other information.			

### Skin corrosion/irritation:

H315 Causes skin irritation.

### Serious eye damage/irritation:

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

## **12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.

According to regulation 1272/2008:

No significant effects or critical hazards.

**Daphnies toxicity (EC50):**

No further relevant information available.

### **12.2 Persistence and degradability**

No further relevant information available.

### **12.3 Bioaccumulative potential**

**Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

### **12.4 Mobility in soil**

No further relevant information available.

### **12.5 Results of PBT and vPvB assessment**

No further relevant information available.

### **12.6 Other adverse effects**

No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

### 14.2 UN proper shipping name

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

### 14.4 Packing group

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: No

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

**Common shortened form:**

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

**Hazard statements according to regulation (EC) 1272/2008 (CLP):**

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

**Precaution statements according to regulation (EC) 1272/2008 (CLP):**

Code	Description
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

Created on: 26.08.2016 Page: 1 of 8	<b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>4265 Stress Relief</b>	<b>Oshadhi</b> <i>Passion for Nature</i>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Stress Relief
Botanical Name / INCI:	Not applicable
CAS TSCA-No:	Not applicable
CAS EINECS-No:	Not applicable
EINECS-No.:	Not applicable

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Perfumery and/or aromatic uses
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240




## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids, category 3	H226	Flammable liquid and vapour.
Aspiration hazard, category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion/irritation, category 2	H315	Causes skin irritation.
Respiratory/skin sensitisation, skin sensitisation category 1	H317	May cause an allergic skin reaction.

### 2.2 Label elements

Hazard pictogram and signal word

			
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**DANGER:**

#### H-Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.



**P-Statements:****Prevention:**

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

**Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 with water/shower.	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

**Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Disposal:**

P501	Dispose of contents/container to special waste.
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**2.3 Other Hazards**

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Citral
Geraniol
Linalool
Benzyl Benzoate
Limonene
Farnesol
Benzyl Cinnamate
Eugenol
Coumarin

**3. COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances**

**Chemical Identification:** Stress Relief (mixture of 100% natural essential oils)

**Hazardous constituent:** according to EG-Regulation 1272/2008 (CLP)

Ingredient	Registration-N.	CLP-Classification
No other information.		

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

<b>Excessive inhalation:</b>	Remove to fresh air environment – summon a physician immediately.
<b>Skin contact:</b>	Wash contaminated skin with copious amounts of water and soap. Remove contaminated clothes and wash them before reuse. Summon a physician, if an irritation appears.
<b>Eye contact:</b>	Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly. Summon a physician immediately.
<b>Ingestion:</b>	Dilute with water. Do not induce vomiting. Contact physician.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Contact a poison specialist immediately if large quantities have been ingested or inhaled.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Advised extinguisher:** Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** Direct jet of water.

#### **5.2 Special hazards arising from the substance or mixture**

Avoid breathing vapours and smokes produced by fire.

Burning will cause strong smoke and soot.

Vapors may form explosive mixtures with air.

Containers may explode with the heat of fire.

#### **5.3 Advice for firefighters**

Do not attempt to fight the fire with water, which tends to feed rather than smother the flames. Essential oils have the ability to float on water and this causes the fire to propagate more quickly.

Small fires can be smothered by covering with earth, sand or a blanket.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid skin, eye and clothes contact. There is a risk of sliding caused by the leaked product. Ventilate well spilling area. Keep away from sources of ignition.

#### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment. Dispose binding material, cloths and sponges according to the national law.

#### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

#### **6.4 Reference to other sections**

Please see section 8 and 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Ventilate the storage and preparation warehouse/laboratory. Avoid eating, drinking and smoking in the places where products are stored and treated. Manipulate with caution to avoid any projection particularly in eyes and on mucous membranes. Do not expose vapors to the flame or quite other source of ignition. Do not inhale warm vapors.

#### **7.2 Conditions for safe storage, including any incompatibilities**

It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

#### **7.3 Specific end uses**

No specific.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

## 8.2 Exposure controls

### Personal protective equipment:

<b>Breathing protection:</b>	Use in well aired areas.
<b>Eye protection:</b>	Safety glasses.
<b>Hand protection:</b>	Protecting gloves.
<b>Skin protection:</b>	Avoid skin contact. Protective suit should be worn.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Color:	light yellow
Appearance:	oily liquid
Odor:	characteristic
pH-value:	no data available
Flash point:	no data available
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	no data available
Refractive index at 20°C:	no data available
Optical rotation at 20°C:	no data available

### 9.2 Other information:

Main components: Santalum album (Sandalwood) Wood Oil, Mentha citrata (Bergamot) Herb Oil, Cinnamomum camphora (Camphor) Leaf Oil, Styrax tonkinensis(Benzoin) Resin Oil, Santalum spicata Wood Oil (Sandalwood Oil), Amyris balsamifera (Amyris) Bark Oil, Citrus limonum Oil (Lemon Oil, yellow), Lavandula angustifolia Oil (Lavender Matherone Oil), Citrus aurantium amara (Bitter Orange) Peel Oil, Lavandula hybrida grosso (Lavandin) herb oil, Benzyl Benzoate, Benzyl Cinnamate, Citral, Coumarin, Eugenol, Farnesol, Geraniol, Limonene, Linalool

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

This product is stable under normal usage conditions.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not expose to high temperature or ignition.

### 10.5 Incompatible materials

Avoid flammable materials, PVC.

### 10.6 Hazardous decompositions products

Nothing in proper storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Toxicological specifications of the important substances:

Chemical description	Oral LD50	Dermal LD50	Inhalativ LC50
No other information.			

### Skin corrosion/irritation:

H315 Causes skin irritation.

**Serious eye damage/irritation:**

No significant effects or critical hazards.

**Respiratory or skin sensitization:**

H317 May cause an allergic skin reaction.

**Aspiration hazard:**

H304 May be fatal if swallowed and enters airways.

**Germ cell mutagenicity:**

No significant effects or critical hazards.

**Carcinogenicity:**

No significant effects or critical hazards.

**Reproductive toxicity:**

No significant effects or critical hazards.

**STOT-single exposure**

Unavailable data.

**STOT-repeated exposure**

Unavailable data.

**Information on likely routes of exposure**

Unavailable data.

**Symptoms related to the physical, chemical and toxicological characteristics**

Unavailable data.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Unavailable data.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity**

Use product only referred of good laboratory practice (GLP) to insure that it is not released into the environment.  
According to regulation 1272/2008:

No significant effects or critical hazards.

**Daphnies toxicity (EC50):**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential****Bioconcentration factor (BCF):**

No further relevant information available.

**Partition coefficient n-octanol / water (log K<sub>OW</sub>)**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

No further relevant information available.

## 12.6 Other adverse effects

No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

### 14.2 UN proper shipping name

**Land transport:** ADR/RID; Dispatch Name: EXTRAKTE, AROMATISCH, FLÜSSIG

**Transport by sea:** IMDG/IMO; Technical Name: EXTRACTS, AROMATIC, LIQUID

**Transport by air:** ICAO/IATA; Technical Name: EXTRACTS, AROMATIC, LIQUID

### 14.3 Transport hazard class

**ADR/RID:** Class 3

**IMDG/IMO:** Class 3

**ICAO/IATA:** Class 3

### 14.4 Packing group

**ADR/RID:** Packing group III, Kemler code: 30

**IMDG/IMO:** Packing group III

**ICAO/IATA:** Packing group III

### 14.5 Environmental hazards

IMDG - Sea pollutant: No

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances and its subsequent amendments.

Directive 1999/45/EC of the European Parliament concerning the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations and its subsequent amendments.

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work preparations.

Directive 2003/15/EC

Directive 2006/8/EC

Directive 91/322/EEC

Directive 2000/39/EC

Regulation (EC) No 1907/2006 (REACH) and its subsequent amendments

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009

Directive 2003/105/EC - Protection of workers - Control of major-accident hazards involving dangerous substances and its subsequent amendments

German Regulation on Substances Hazardous to Water 2005 (VwVwS),

### 15.2 Chemical safety assessment

Not relevant.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
STOT:	Specific Target Organ Toxicity
TSCA:	Toxic Substances Control Act

### Hazard statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

### Precaution statements according to regulation (EC) 1272/2008 (CLP):

Code	Description
<b><u>Prevention:</u></b>	
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves / eye protection.

### **Response:**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use CO2 for extinction.

### **Storage:**

P403+P235	Store in a well-ventilated place. Keep cool.
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P405

Store locked up.

**Disposal:**

P501

Dispose of contents/container to special waste.

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

The information this contains is based on the state of our knowledge about the product concerned at the time of update. They are given in good faith. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other Materials or in any process, unless specified in the text.

Even though precaution has been taken to ensure accuracy of data, no guarantee can be given. Because data's are taken partly from other sources.

<p>Created on: 26.08.2016 Page: 1 of 5</p>	<p><b>SAFETY DATA SHEET</b> according to regulation (EC) 1907/2009 according to regulation (EU) 453/2010 <b>5200 Rose Blossom, Bulgarian Organic</b></p>	<p><b>Oshadhi</b> Passion for Nature</p>
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## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

### 1.1 Product identifier

Trade Name:	Rose Blossom, Bulgarian Organic
Botanical Name:	Rosa damascena
INCI:	Rosa damascena Flower (Rose Blossom) Water
CAS TSCA-No:	8007-01-0
CAS EINECS-No:	90106-38-0
EINECS-No.:	290-260-3

### 1.2 Relevant identified uses of the substance and uses advised against

Substance use:	Skin care / Cosmetic use
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### 1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	<a href="mailto:info@oshadhi.eu">info@oshadhi.eu</a>

### 1.4 Emergency telephone number

Poison emergency number: 089-19240

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Not applicable.

### 2.2 Label elements, hazard pictograms and signal words

Not applicable.

### 2.3 Other Hazards

Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

Benzyl Alcohol	~ 0,01 %
Farnesol	~ 0,01 %
Limonene	~ 0,01 %
Linalool	~ 0,05 %
Eugenol	~ 0,05 %
Citral	~ 0,66 %
Geraniol	~ 0,36 %
Citronellol	~ 0,40 %

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

**Chemical Identification:** Rosa damascena (100% floral water)

**Hazardous constituent:** None.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>Excessive inhalation:</b>	No harmful effect.
<b>Skin contact:</b>	No harmful effect.
<b>Eye contact:</b>	No harmful effect.



**Ingestion:** No harmful effect at normal concentration.

#### **4.2 Most important symptoms and effects, both acute and delayed**

No further details.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

### **5. FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

**Advised extinguisher:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use CO<sub>2</sub>, dry powder, fire extinguisher or foam.

**Unadvisable extinguisher:** None.

#### **5.2 Special hazards arising from the substance or mixture**

Do not inhale vapors.

#### **5.3 Advice for firefighters**

In case of fire suitable measures must be taken, e.g. protective clothing and protective masks must be worn.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

None.

#### **6.2 Environmental precautions**

Avoid dispose into drainage, sewer system or in any natural environment.

#### **6.3 Methods and material for containment and cleaning up**

Use of absorbent material (e.g. sand, diatomaceous earth).

#### **6.4. Reference to other sections**

Please see section 8 and 13.

### **7. HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

No special measures necessary provided product is used correctly.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

#### **7.3 Specific end uses**

No specific.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1. Control parameters**

Please pay attention to the usual precautionary measures with the contact of essential oils. Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

#### **8.2 Exposure controls**

**Personal protective equipment:**

**Breathing protection:** Use in well aired areas.

**Eye protection:** Safety glasses.

**Hand protection:** Protecting gloves.

**Skin protection:** Wear working clothes.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

#### **9.1 Information on basic physical and chemical properties**

**Color:** colorless

**Appearance:** watery liquid

Odor:	of Rose flowers
pH-value:	~ 5,3
Flash point:	>175°C
Water solubility:	Soluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Relative density at 20 °C:	no data available
Refractive index at 20°C:	no data available
Optical rotation at 20°C:	no data available

## 9.2 Other Information:

None.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Product is sensitive to microbiological contamination.

### 10.2. Chemical stability

This product is stable under normal usage conditions.

### 10.3 Possibility of hazardous reactions

None according to our knowledge.

### 10.4 Conditions to avoid

Do not heat above 150°C.

### 10.5 Incompatible materials

None according to our knowledge.

### 10.6 Hazardous decompositions products

None according to our knowledge.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity:

**LD/LC50-value:** Quantitative data on the toxicity of this product are not available.

#### Primary irritant effect:

**On Skin:** No irritant effect.

**On Eye:** No irritant effect. Temporary visibility.

**After Inhalation:** No irritant effect.

**Sensitization:** No sensitizing effect known.

#### Additional toxicological information:

If properly handled and used, the product does not have any harmful effects according to our experience and the information provided to us.

Further information: The product has to be handled as carefully as hazard chemicals

The substance is not subject to classification according to the latest version of the EU lists.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

#### Behaviour in environmental compartments:

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

**Ecological effects:** Do not allow product to reach ground water, water course or sewage system.

#### Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects:** No further relevant information available.

## 13. DISPOSAL CONSIDERATION

### 13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

## 14. TRANSPORT INFORMATION

### 14.1 UN-number

Not applicable.

### 14.2 UN proper shipping name

**Land transport:** Not applicable.

**Transport by sea:** Not applicable.

**Transport by air:** Not applicable.

### 14.3 Transport hazard class

**ADR/RID:** Not applicable.

**IMDG/IMO:** Not applicable.

**ICAO/IATA:** Not applicable.

### 14.4 Packing group

**ADR/RID:** Not applicable.

**IMDG/IMO:** Not applicable.

**ICAO/IATA:** Not applicable.

### 14.5 Environmental hazards

IMDG - Sea pollutant: NO

### 14.6 Special precautions for user

Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code

Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

#### National Regulation:

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16. OTHER INFORMATION

### Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

### Common shortened form:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
CLP:	Classification, Labeling, Packaging
EINECS:	European Inventory of Existing Commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals
IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
PBT: Persistent Bioaccumulating Toxicants  
vPvB: Very Persistent and Very Bioaccumulative Substance  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail  
TSCA: Toxic Substances Control Act

**Training advice:**

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

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