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1. IDENTIFICATION

1.1 Product identifier used on the label

Product name:Chalk

1.2 Other means of identification

No information available.

1.3 Recommended use of the chemical and restrictions on use

No information available.

1.4 Details of the supplier of the safety data sheet

Company name:

Contact person: Dongsheng Chen

Address:

Telephone number:

E-mail address:

1.5 Emergency telephone number:

Other information: /

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance/mixture according to Regulation globally harmonized system of classification and labelling of chemicals(GHS)

No information available.

Hazard Statement Code(s):

No information available.

2.2 Label Elements

None.

Signal Word Code(s):None.

2.3 Other hazards

Precautionary statements:

No information available.

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Results of PBT and vPvB assessment

PBT:No information available.

VPvB:No information available.

Other Hazard: No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

1.Yellow chalk

Chemical name	Value (%)	CAS No.	GHSCLAS
Pigment yellow 17	5	4531-49-1	No data available
Calcium sulfate dihydrate	90	10101-41-4	No data available
Water	5	7732-18-5	No data available

2.Red chalk

Chemical name	Value (%)	CAS No.	GHSCLAS
Pigment red 53:1	5	5160-02-1	No data available
Calcium sulfate dihydrate	90	10101-41-4	No data available
Water	5	7732-18-5	No data available

3.Rose red chalk

Chemical name	Value (%)	CAS No.	GHSCLAS
Pigment Violet 1	5	1326-03-0	No data available
Calcium sulfate dihydrate	90	10101-41-4	No data available
Water	5	7732-18-5	No data available

4.Purple chalk

Chemical name	Value (%)	CAS No.	GHSCLAS
Pigment violet 3	5	1325-82-2	No data available
Calcium sulfate dihydrate	90	10101-41-4	No data available
Water	5	7732-18-5	No data available

5.Blue chalk

Chemical name	Value (%)	CAS No.	GHSCLAS
Pigment Blue 15	5	147-14-8	No data available
Calcium sulfate dihydrate	90	10101-41-4	No data available
Water	5	7732-18-5	No data available

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6.Green chalk

Chemical name	Value (%)	CAS No.	GHSCLAS
Pigment green 7	5	1328-53-6	No data available
Calcium sulfate dihydrate	90	10101-41-4	No data available
Water	5	7732-18-5	No data available

7.Orange chalk

Chemical name	Value (%)	CAS No.	GHSCLAS
Pigment Yellow 13	5	5102-83-0	No data available
Calcium sulfate dihydrate	90	10101-41-4	No data available
Water	5	7732-18-5	No data available

8.White chalk

Chemical name	Value (%)	CAS No.	GHSCLAS
Calcium sulfate dihydrate	95	10101-41-4	No data available
Water	5	7732-18-5	No data available

4. FIRST AID MEASURES

4.1 General advices

Move out of dangerous area, never give anything by mouth to an unconscious person

4.2 Inhalation

IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used. Do not use mouth-to-mouth resuscitation.

4.3 Skin contact

IMMEDIATELY flood affected skin with water while removing and isolating all contaminated clothing. Gently wash all affected skin areas thoroughly with soap and water. If symptoms such as redness or irritation develop, IMMEDIATELY call a physician and be prepared to transport the victim to a hospital for treatment.

4.4 Eye contact

First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any

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ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.

4.5 Ingestion

Call a physician immediately. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician.

4.6 Notes to Physician

Show this safety data sheet to the doctor in attendance.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Dry chemical. chemical foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons:

No information available.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

5.3 Advice for firefighters

As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.

Other information:

No information available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel.

Use suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

6.1.2 For emergency responders.

People shall be provided related to suitable fabric for personal protective clothing.

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6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. It shall be provided on any environmental precautions to be taken related to accidental spills and release of the substance or mixture, such as keeping away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

If you spill this chemical, soak up with inert absorbent material, then transfer the dampened material to a suitable container. Keep the container in suitable, closed containers for disposal. Your contaminated clothing and the absorbent paper should be sealed in a vapor-tight plastic bag for eventual disposal. Wash all contaminated surfaces with a soap and water solution. Do not reenter the contaminated area until the Safety Officer (or other responsible person) has verified that the area has been properly cleaned.

6.4 Reference to other sections

If appropriate Sections 8 and 13 shall be referred to.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

All chemicals should be considered hazardous. Avoid direct physical contact. Do not breathe dust. Do not breathe vapors or spray mist. Do not eat, drink and smoke in work areas, wash hands after use, remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, dark location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage.

7.3 Specific end use(s)

No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure limit values:

Component	Germany	Portugal	Bulgaria
Calcium sulfate dihydrate (10101-41-4)	MAK: 1.5 mg/m ³ 8 Stunden. respirablefraction MAK: 4 mg/m ³ 8 Stunden. Inhalable fraction	TWA: 10 mg/m ³ 8 horas	TWA: 10.0 mg/m ³

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Component	The United Kingdom	Germany	Spain
Pigment Blue 15 (147-14-8)	STEL: 15 mg/m ³ TWA: 5 mg/m ³ Skin	No data available.	No data available.

Biological limit values: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL): No information available.

Predicted No Effect Concentration (PNEC): No information available.

8.2 Exposure controls

Engineering Measures: Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Hand protection: Wear appropriate protective gloves.

Eye protection: Safety glasses with side-shields.

Skin and body protection: Wear impervious clothing and boots. Remove and wash contaminated clothing before re-use.

Respiratory protection: Wear a NIOSH-approved half face respirator equipped with an organic vapor/acid gas cartridge (specific for organic vapors, HCl, acid gas and SO₂) with a dust/mist filter.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoking.

Environmental exposure controls: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Solid.
Appearance	: Yellow ,Red, Rose red, Purple, Blue ,Green ,Orange, White.
Odour	: No data available.
pH	: No data available.
Melting point/freezing point	: No data available.
Initial boiling point and boiling range	: No data available.
Flash point	: No data available.
Evaporation rate	: No data available.
Upper/lower explosive limits	: No data available.

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Vapour pressure/ density	:	No data available.
Relative density	:	No data available.
Solubility(ies)	:	No data available.
Water solubility	:	No data available.
Partition coefficient: n-octanol / water	:	No data available.
Auto-ignition temperature	:	No data available.
Decomposition temperature	:	No data available.
Explosive properties	:	No data available.
Oxidising properties	:	No data available.

9.2 Other information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous polymerization does not occur.

10.2 Chemical stability

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Incompatible products.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:

No acute toxicity information is available for this product.

Chronic Toxicity

Carcinogenicity: There are no known carcinogenic chemicals in this product.

Sensitization: No information available.

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Mutagenic Effects: No information available.

Reproductive Effects: No information available.

Developmental Effects: No information available.

Teratogenicity: No information available.

Target Organs: No information available.

Other Adverse Effects:

The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

Endocrine Disruptor Information: None know.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects:

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Pigment Blue 15 (147-14-8)	No data available.	100 mg/L LC50 48 h	No data available.	No data available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

Component	log Pow	Bioconcentration factor (BCF)
Pigment Blue 15(147-14-8)	6.6	No data available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Specify the appropriate methods of disposal of both the substance or mixture and any contaminated packaging:
Dispose of in a manner consistent with federal, state, and local regulations.

Waste treatment methods

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Waste from Residues / Unused Products: Dispose of in accordance with local regulations.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

IMDG: Not regulated.

ADR/RID: Not regulated.

ICAO/IATA: Not regulated.

15. REGULATORY INFORMATION

Labelling: European Labelling in Accordance with EC Directives.

Waste: See disposal part

Meet the following requirements of chemical directory: AICS, IECSC, DSL, EINECS, ENCS, KECI, PICCS, TSCA.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

PICCS - Philippines Inventory of Chemicals and Chemical Substances.

ENCS - Japan Existing and New Chemical Substances.

CHINA - China Inventory of Existing Chemical Substances.

AICS - Inventory of Chemical Substances.

KECL - Existing and Evaluated Chemical Substances.

16. OTHER INFORMATION

Sources of key data used to compile the data sheet:

The contents and format of this SDS are in accordance with Regulation 2012 OSHA Hazard Communication Standard(29 CFR 1910.1200) and globally harmonized system of classification and labelling of chemicals(GHS).

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