

Safety Data Sheet

OSHA 29 CFR 1910.1200

Printing Date: October 10, 2023

Version No.: 1.0

Revision: October 10, 2023

1 Identification

- **Product identifier**
- **Trade name:** *watercolour*
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance/mixture:** *Painting.*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** Zhejiang Kecai pigment Co., LTD
Tel
- Fax:
- Email:
- **Other US contact point:** *Information not available*
- **Further information obtainable from:** Zhejiang Kecai pigment Co., LTD

Emergency telephone number

In China

Tel: (24 hours available)

2 Hazard(s) identification

Classification of the substance or mixture:

This product is not classified according to OSHA 2012 Hazard Communication Standard (29 CFR 1910.1200).

Classification system:

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

Label elements

- **Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms:** *Not applicable*

Signal word: *Not applicable*

Hazard -determining components of labelling: *Not applicable*

Hazard statements: *Not applicable*

- **Precautionary statement:** *Not applicable*

Hazards not otherwise classified (HNOC): *No known otherwise classified hazards.*

Components :		
AS No.	Composition Name	w/w, %
14807-96-6	Talc	76.7%
12001-26-2	Mica	10%
557-04-0	Magnesium stearate	2%
1309-37-1	CI 77491	0.9%
13463-67-7	CI 77891	0.7%
56-81-5	glycerin	2.6%
1934-21-0	CI 19140	0.8%
57-55-6	Propylene glycol	1%
471-34-1	Calcium carbonate	0.5%
122-99-6	Phenoxyethanol	0.5%

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5858-81-1	CI 15850	0.6%
5858-81-1	CI 15850	0.7%
8004-92-0	CI 47005	0.8%
2650-18-2	CI 42090	1%
	summation	100%

4 First aid measures

Description of first aid measures

After inhalation: Supply with fresh air. Call for doctor/physician if you feel unwell.

After skin contact: No special measures required.

After eye contact: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

After swallowing: Wash mouth with water.

Information for doctor

Most important symptoms and effects, both acute and delayed: No known symptoms or effects.

Indication of any immediate medical attention and special treatment needed: No special immediate medical attention and special treatment needed.

5 Fire-fighting measures

Suitable extinguishing agents: Use CO₂, powder, water spray or alcohol resistant foam to extinguish. DO NOT use full jet water.

Special hazards arising from the substance or mixture: No special hazards arising from the mixture.

Special protective equipment and precaution for firefighters

Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Cut off the leakage source, and collect spillage timely; Ensure adequate ventilation; Avoid contact with eyes.

Environmental precautions:

Do not allow the product to enter sewers/surface or groundwater.

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Pick up mechanically; Dispose contaminated material as waste according to item 13.

7 Handling and storage

Handling

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Precautions for safe handling : Avoid contact with eyes.

Information about fire and explosion protection: Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in a cool and well-ventilation place.

Information about storage in one common storage facility: No further requirements.

Further information about storage conditions: No further requirements.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

CAS No.	Composition Name	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
122-99-6	Phenoxyethanol	15 mg/m ³ (total dust) 8-hour TWA	10 mg/m ³ 8-hour TWA		10 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction) 8-hour TWA

Additional information: The lists that were valid during the creation were used as basis.

Based on the composition shown in section 3, the following measures are suggested for occupational safety measure :

Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice; See section 7 for information about design of technical facilities.

Personal protective equipment:

Breathing equipment: Suitable respiratory protective device recommended.

Protection of hands: No special protection of hands required.

Eye protection: No special eye protection required.

Body Protection: No special body protection required.

9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

Form	Wax solid
Color	Various
Odor	Odorless
Odor threshold	Not applicable
pH -value	4-8 at 20 °C, 10g/100ml
Change in condition	
Melting point/melting range	65 °C
Boiling point and boiling range	Not determined
Freezing point	Not determined.
Flashpoint	Not determined.
Flammability	Not flammable solid
Decomposition temperature	Not determined.
Self-ignition	Not determined.

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D anger of explosion	Product dose not present explosive hazard.
E xplosion limits	
Lower:	Not explosive
Upper:	Not explosive
O xidizing properties	Not oxidizing agent
H igher pressure	Not determined.
D ensity	Not determined.
R elative density	Not determined.
ρ specific density	Not determined.
E vaporation rate	Not determined.
S olubility/Miscibility with	
Water	Part is soluble in water
P artition coefficient (n-octanol/water)	Not determined.
ν scosity	
Dynamic	Not determined.
Kinematic	Not determined.
Other information	Not determined.

10 Stability and reactivity

Reactivity: No decomposition if used according to specification.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No known hazardous reaction.

Conditions to avoid: High temperature.

Incompatible materials: Acid and strong oxidizing agent.

Hazardous decomposition products: No known hazardous decomposition products.

11 Toxicological information

Acute toxicity : Not acute toxic mixture.

LD50/LC50 values that is relevant for classification:

14807-96-6 Talc		
Rabbit	LD50 - skin	>5000mg/kg
Rat	LD50 - oral	>5000mg/kg
12001-26-2 Mica		
Mouse	LD50 - oral	933 mg/kg
Rabbit	LD50 - skin	5ml/kg
Rat	LD50 - oral	1260mg/kg
	LC50 - skin	14422mg/kg

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13463-67-7 CI 77891

Rat	LD50 - oral	>20000mg/kg
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	LC50 - inhalation	>6.82mg/L
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Rabbit	LD50 - skin	>10000mg/kg
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Remark: All the above data are from literature.

P-rimary irritant effect**S-kin corrosion/irritation:** Not irritant to skin.**S-erious eyes damage/irritation:** Not irritant to eyes.**S-ensitization:** Not sensitive to skin or respiratory.**Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

• **Carcinogenic categories**• **IARC (International Agency for Research on Cancer):**• **NTP (National Toxicology Program):** None of the ingredients is listed.

12 Ecological information

• **Toxicity:****LC50/EC50/NOEC values that is relevant for classification:**

14807-96-6 Talc

Short-term toxicity to fish	LC50 (4 days) 220 - 460 mg/L NOEC (4 days) 100 mg/L
Long-term toxicity to fish	NOEC (34 days) 23 - 105.5 mg/L LOEC (34 days) 50 - 215 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 500 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 9.43 - 49.2 mg/L LOEC (21 days) 22.5 - 110 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 443 - 625 mg/L NOEC (72 h) 70 - 500 mg/L
Toxicity to aquatic plants other than algae	EC50 (16 h) 1.494 g/L

13463-67-7 Titanium dioxide

Short-term toxicity to fish	LC50 (14 days) 1 - 1.1 mg/L NOEC (14 days) 870 - 1 100 µg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 19.3 - 33.6 mg/L LC50 (48 h) 500 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 1.72 - 2.92 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 100 mg/L NOEC (32 days) 1 mg/L

• **Persistence and degradability:**

14807-96-6

Talc

Biodegradation: 82%/17d Zahn-Wellens test; Readily Biodegradable

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Readily eliminable (DOC reduction >70%).

· **Bio-accumulative potential:**

122-99-6	Phenoxyethanol	Log Pow= 1.107 - 1.2 at 23 °C
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· **Mobility in soil:** No available data.

· **Additional ecological information**

· **Other adverse effects:** No known other adverse effects.

13 Disposal consideration

· **Waste treatment methods**

R-recommendation : Small quantities can be disposed together with householdgarbage; Large quantities disposed must be in according to local regulation.

U-n -cleanedpackaging

R-recommendation: Dispose ofcontents/container in according to the local regulation.

14 Transport information

U·N -Number

DOT, IMDG, IATA

Not regulated as dangerous goods, not applicable

· **UNproper shipping name**

DOT, IMDG, IATA

Void

· **Transport hazard class (es)**

DOT, IMDG, IATA

Class

Void

Label

Void

· **Packing group**

DOT, IMDG, IATA

Void

· **Environmental hazardous**

Marine pollution

No

· **Specialprecautionsfor user**

Void

· **Danger code (Kemler)**

Void

· **EMS number**

Void

T-transport in bulk according to Annex

II ofMARPOL73/78 and the IBC Code

Void

15 Regulatory information

· **Safety, health and environmental regulations/legislation specificfor the substance or mixture**

Sara

· **Section 355 (extremely hazardous substances):** None ofthe ingredients is listed.

· **Section 313 (Specific toxic chemical listings):** None ofthe ingredients is listed.

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T-SCA (Toxic Substances Control Act): All ingredients are listed.

• **Proposition 65**

C-hemicals known to cause cancer:

13463-67- 7	Titanium dioxide (airborne, unbound particles of respirable size)
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C-hemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

C-hemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

C-hemicals known to cause developmental toxicity: None of the ingredients is listed.

• **Washington, WAC 173-334-130 (CHCC):** None of the ingredients is listed.

C-hemicals of Concern, published by Maine DEP on July, 2015: None of the ingredients is listed.

• **Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014:** None of the ingredients is listed.

High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016: None of the ingredients is listed.

C-arcinogenicity categories

E-PA (Environmental Protection Agency): None of the ingredients is listed.

T-LV (Threshold Limit Value established by ACGIH):

13463-67- 7	Titanium dioxide				A4
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N-IOSH -Ca (National Institute for Occupational Safety and Health):

13463-67- 7	Titanium dioxide
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• **OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients is listed.

16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Abbreviations and acronyms:

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

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End of safety data sheet

