



# MSDS

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## Material Safety Data Sheets

### Section 1 - Product and Company Identification

**Product Identification:** Washable Marking Crayon

**Applicant Name:** CIXI BALUNSHENG STATIONERY CO., LTD

**Applicant Address:** Laoliangting, Fuhai Town, Cixi, Ningbo

**Sample Model:** AC-101

**Contact Person:** Mr. Dong

**Tel.:** 0574-63680998

**Fax:** 0574-63680998

**Signed for and on behalf of**

\_\_\_\_\_  
**Andy Zheng/Technical Director**

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### Section 2 – Composition/Information on Ingredients

**Ingredient Name:** Washable Marking Crayon

**The difference between the single product and mixture:** mixture

**Chemical Name:**

**Constitutes:**

Chemical Name	Chemical Formula	CAS No.	Content/%
Water	H <sub>2</sub> O	7732-18-5	47
Stearic Acid	C <sub>18</sub> H <sub>36</sub> O <sub>2</sub>	1157-11-4	14
Glycerol	C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>	56-81-5	10
Triethanclamine	C <sub>6</sub> H <sub>15</sub> NO <sub>3</sub>	102-71-6	3
Ozokerite	--	8001-75-0	5
1,2-Propanedio	C <sub>3</sub> H <sub>8</sub> O <sub>2</sub>	57-55-6	8
Polyethylene Glycol	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> -H <sub>2</sub> O	25322-68-3	1
Acid Red 52	C <sub>27</sub> H <sub>30</sub> N <sub>2</sub> O <sub>7</sub> S <sub>2</sub> .Na	3520-42-1	12

### Section 3 - Hazards Identification information

**Health Hazards (Acute & Chronic):**

**Potential Health Hazards:**

**Skin Contact:** Long-term contact can cause skin uncomfortable.

**Eyes Contact:** May irritate the eyes. May cause redness or swelling.

**Inhalation:** May cause irritation to mucous membranes.

**Ingestion:** May cause nausea, vomiting, upset stomach, diarrhea.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing dermatitis

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### Section 4 - First Aid Measures

#### First Aid:

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

**Skin:** Swabbed out and water to clean.

**Inhalation:** Leave quickly from the scene to fresh air place. Keep airway open. Such as difficulty breathing, give oxygen. If stopped breathing, once artificial respiration. Go to a doctor.

**Ingestion:** Drink plenty of warm water, spits. Gastric lavage, guide inner-leakage. Go to a doctor.

### Section 5 - Fire Fighting Measures

**Hazardous characteristics:** Encounter flame can burn.

**Hazardous combustion products:** Carbon monoxide, Carbon dioxide, Nitrogen oxides.

**Extinguishing method:** Water spray cooling container, moved the container to the empty place if possible. If the vessel in the fire already discoloration or from safety relief-pressure devince voice, must produce evacuated immediately.

**Extinguisher:** Bubble, carbon dioxide, dry powder, sandy soil.

### Section 6 - Accidental Release Measures

#### Steps to be taken in case Material is Released or Spilled:

Leave quickly leakage pollution area personnel to safety, and isolation, strictly limiting access. Cut off the fire. Suggest emergency personnel wearing self-sustaining positive pressure type respirator, wear anti-static work clothes. As cut leakage source. Prevent ditch into sewer pipes, such restrictive space. Small spills with sand, vermiculite, or other inert materials absorption. Massive leak: to construct the beach or dig a pit asylum. Covered with foam, reduce steam disasters. Use explosion-proof pump metastasize to the tank or special collector inside, recycling or shipped to the waste disposal sites disposal.

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### Section 7 - Handling and Storage

- Newly type gas mask (comprehensive mask), wearing protective clothing, wear rubber gloves.
- From direct sunlight, heat and workplace forbids smoking.
- Prevent steam leakage into the workplace atmosphere.
- Avoid contact with antioxidants. Handling want light light, prevent packaging and container unloading damage.
- Equipped with corresponding varieties and number of fire equipment and leakage emergency treatment equipment.
- Empty containers may remain pests.

### Precautions to be taken in handling and storing

- Stored in a cool, well-ventilated area.
- Far from fire, heat source.
- Keep out of reach of children & pets.
- With oxidant, edible chemicals should be stored apart, avoid by all means is mixed storage.
- Do not place the deodorizer near heating equipment, nor expose to direct sunlight for long periods.
- Equipped with corresponding varieties and number of fire equipment.
- Storage areas shall be equipped with emergency treatment equipment and appropriate leakage of asylum materials.
- Extremely toxic substances shall strictly carry out the "five pairs of" management system.

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### Section 8 - Exposure Controls & Personal Protection

#### Respiratory Protection:

The higher concentration in the air when filter brand-newly type gas mask, wearing a mask (half).

**Ventilation:** Not necessary under conditions of normal use.

**Protective Gloves:** Wear rubber gloves.

#### Other Protective Clothing or Equipment:

Wearing protective clothing.

Maintain good health habits.

No smoking job site

### Section 9-Physical and Chemical Properties

**Appearance and properties:** white, odorless, tasteless, transparent crystal.

**pH value:** N/A

**Melting point (°C):** 47-65

**Boiling point (°C) :** 371

**Flash point(°C) :** 199

**The relative density (water = 1) :** 0.88-0.92

**Relative steam density (air = 1) :** N/A

**Saturated steam pressure (kPa) :** N/A

**Burning hot (kJ/mol):** No Material

**The critical temperature (°C) :** No Material

**Critical pressure (MPa) :** No Material

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### Section 10 - Stability & Reactivity Data

**Chemical Stability:** Stable.

**Conditions to Avoid:** Strong oxidizer

**Hazardous Decomposition Products:** N/A

**Hazardous Polymerization:** N/A

### Section 11 - Toxicological Information

**Toxicological Information:** N/A

**Excitant:** Slightly

**Primary irritant effect**

- on the skin: No irritant effect.
- on the eye: Slightly irritating
- Sensitization: No sensitizing effects known.

**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

**Toxicokinetics, metabolism and distribution:** No further relevant information available

**Acute effects (acute toxicity, irritation and corrosivity):** No further relevant information available

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### Section 12 - Ecological Information

#### Ecological Information:

Water hazard class 1 (German Regulation) (Self-assessment): Not applicable.

·Other adverse effects: This material is harmful to the environment, the proposal does not let it into the environment. For water and atmospheric can cause pollution, especially in the fish body, especially in the fish body, occurrence biological accumulation. Destroy aquatic biological respiratory system. To algae should give special attention to.

### Section 13 - Disposal Considerations

#### Waste treatment methods

Before disposal should refer to the national and local relevant laws and regulations. Suggest using incinerating disposal.

#### Uncleaned packaging

·Recommendation: Disposal must be made according to official regulations.

### Section 14 - Transport Information

**Packaging category:** Z01

**Transport Fashion:** By air, by sea, by railway, by road.

**Attention:** Gentle with, prevent collision drag and dump, Avoid exposure.

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### Section 15 - Regulatory Information

Chemical dangerous goods safety management ordinance (February 17, 1987 promulgated by the state council), chemical dangerous goods safety management detailed rules for the implementation of the regulations (change law is sent [1992] 677), the workplace safety regulation for chemical usage ([1996] labor department is sent 423) and other laws and regulations, in view of the hazardous chemicals safety use, production, storage, transportation, loading and unloading, etc for the corresponding provisions.

### Section 16 - Other Information

**Other Information:** the above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

BST confirmed the ninth item, the above content as reference information only. Please the user according to the demand to judge it usability. BST has no any responsibility.

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