盈彩新材料
YINGCAI NEW MATERIAL

chemical safety technical specification

（MSDS）

1. Product and Manufacturer Information

- Product Name: Gold Mineral Processing Reagents
- **Product model: YCDQ3301**
- Product Application: Applicable to various gold ore processing scenarios including oxidized ore processing, heap leaching, pool leaching, and carbon pulp leaching.
- **Manufacturer/Supplier: Dongguan Yingcai New Material Technology Co., Ltd.**
- **Address: Dongguan City, Guangdong Province**
- **Email: reyingcai@dongguanyingcai.com**

Official website: http://www.yingcaiqingxi.com

- Contact: General Manager: 18129979967 Product Manager: 13392362967

2. Risk Summary

- **NFPA—Level Indicator (Range 0-4)**

Health hazard =0 (not applicable); combustion hazard =0 (non-flammable); reactivity (stable)

① Hazard Classification

- In accordance with GHS, EU Regulation (EC) No 1272/2008 (CLP Regulation) and China National Standard GB 6944-2012: This product is **not classified as a hazardous substance / dangerous good.**
- Signal word: No hazard under normal use conditions
- Hazard statements: No explosion hazard, non-flammable solid material, non-toxic and anti-oxidation material, no radioactivity, no corrosion or other transportation risks.

② Storage and Handling Precautions

- This product is hygroscopic, it should be stored in a dry and cool place, sealed to prevent moisture absorption.
- Avoid direct inhalation of dust by humans or animals.
- Do not mix or package with food or acidic food products.

③ Health Effects

• Eye contact: Irritating, may cause pain, redness, swelling and tearing; avoid rubbing the affected area, seek prompt treatment.

•Skin contact: Short-term minor contact causes no obvious irritation, but may irritate damaged skin; it is recommended to take protective measures and minimize contact.

•Inhalation: Short-term minor inhalation causes no obvious harm, but excessive inhalation may irritate the respiratory system; long-term inhalation may cause lung damage, respiratory protection is required.

• Ingestion: Not classified as a toxic substance, but accidental ingestion is harmful, keep this product out of reach of children.

3. Ingredients/Composition Information

• **Description: Material composition ratio**

Material component name	CAS number	Weight percentage (%)
cellulose	9004-34-6	2%
magnesium chloride	7647-15-5	15%
Carbonization of melamine	7786-30-3	5%
Consumption of soda ash	497-78-8	78%

4. emergency treatment

• **Inhalation: If discomfort occurs, immediately move away from the scene to an area with fresh air and ensure airway patency. Administer oxygen if dyspnea is present. If respiration ceases, perform artificial respiration immediately and seek medical attention.**

• Skin contact: Thoroughly clean with running water and cleansing products such as soap.

•Eye contact: Remove contact lenses (if present) and lift the upper and lower eyelids. Immediately rinse the eyes with a large amount of running water for several minutes. If there is no improvement, seek immediate medical assistance.

• After accidental ingestion: Rinse the mouth with water after accidental overdose, induce vomiting by administering water, milk, or egg white, and promptly consult a physician for medical assistance.

5. fire protection

• General information: During any fire incident, firefighters must wear self-contained breathing apparatus (SCBA) and protective clothing to prevent inhalation of toxic and harmful gases generated by combustion decomposition at high temperatures, while ensuring full protection of firefighting equipment to avoid potential explosions

caused by heated containers.

- Fire extinguishing media: water, fire extinguisher.
- Flash Point: Not applicable
- Automatic ignition temperature: Not applicable
- Fire and hazard characteristics: None
- Unusual fire or explosion hazard: None

6. leakage emergency response

- Minor leakage: When a small amount of leakage occurs, immediately transfer the contaminated material to a containment vessel.
- Large-scale oil spill and leakage: When a significant leakage occurs, the affected area should be isolated to restrict access and prevent contamination of the spilled material. The contaminated material should be recovered and returned to the relevant packaging containers. Personnel involved in recovery and disposal must wear dust-proof protective clothing, protective gloves, and a dust mask. Depending on the situation, the contaminated material may be cleaned and disposed of in designated waste collection containers.

7. Operation, Disposal, and Storage

- Handling and transportation: When using the product, ensure operator protection measures are in place. Protect the packaging during handling to prevent damage and subsequent leakage. Minimize dust generation and protect operators from excessive inhalation.

Dust or smoke may be generated during the production and processing of the product. Therefore, appropriate personal protective measures should be implemented during the production and processing of the product, along with a comprehensive ventilation control plan.

- Storage: The finished product exhibits strong stability and generally does not require strict storage conditions. It can be stored under standard conditions, with the storage area kept dry and well-ventilated, and kept away from food and any substances that may react with the product.

8. Contact control and personal protection

- Ventilation and engineering controls: Ensure proper ventilation during product processing.
- respiratory protection :

No special respiratory protection is required for short-term, low-dose exposure to these products.

Wear a dust mask for long time or in the process of production and processing.

- Body protection:

Ordinary dust-proof clothing is necessary

- protective glove :

Protective gloves may be rubber long gloves with elbow cuffs.

- eye protection :

Sealed goggles

No special eye protection is required for short-term, low-dose use or exposure to these products.

Long-term or excessive use, or the need to wear sealed goggles during production and processing

9. Stability and Reactivity

- **Chemical stability: The product is generally stable under normal conditions**
- Solubility: Soluble in water and most solvents such as inorganic acids
- Hazardous decomposition products: Although the product itself is non-flammable, it may decompose under high temperatures, fire, or reaction with reactive chemicals, generating toxic fumes.
- Hazardous polymerization: No dangerous polymerization will occur.

10. Physical and Chemical Properties

general description	
form	Solid particles or powders
pigment	French grey
smell	Mild odor
Change in conditions	
melting point/melting range	not quite clear
boiling point/boiling range	not quite clear
flash point	not applicable
explosion danger	Not usually raised
density	
relative density	>1 (Water=1)
vapor density	not applicable
water	solvable
PH price	9.5~11.5

11.Toxicology information

- **Acute toxicity data in animals:**

LD50: No data available

LC50: No data available

- Animal stimulation data: mild stimulation, no detailed animal stimulation experiment data
- Other effects on human acute toxicity: No significant known effects
- Other chronic effects on humans: No significant known

12.ecological data

- Ecological harmlessness: harmless to aquatic organisms and aquatic environments
- Degradability: No degradation
- Environmental considerations: During production and processing, minimize or prevent the release of harmful substances into the environment and wastewater systems.

13.disposal of waste

- Product: Must be disposed of in accordance with applicable national and local regulations
- Recommendation: Disposal should be carried out in accordance with local regulations for such waste.
- Uncleaned packaging: Disposal must comply with official regulations

14.Other information

All the above information is based on our existing knowledge. The data and materials are for reference only.