



# Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

## Chemical Safety Data Sheet

### 1. Product and Company Identification

1.1 Product name: Alizarin yellow GG

1.2 Recommended uses: Laboratory tests, experiments and scientific experiments.

Restricted Use: Not for pharmaceutical, food, household or other use.

1.3 Details of the supplier of the safety data sheet:

Company	Unilong Industry Co.,Ltd.
Address	No.2000 Shunhua Rd, High-Tech Zone, Jinan City, Shandong Province, China
Telephone	+86 0531 55690071

### 2. Hazard identification

2.1 Overview of emergencies: Excessive exposure requires special first aid measures and medical follow-up. Mist water, alcohol-resistant foam, sand, dry powder, carbon dioxide. If necessary, wear a self-contained breathing apparatus to fight fires.

2.2 GHS Hazard Classification: Not a hazardous substance or mixture according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

2.3 GHS Marking Elements, including Precautionary Statements:

Pictograms:

Warning words:

Hazard Message: N/A

Precautionary Measures: Not applicable

Incident Response: Not applicable

Secure Storage: Not applicable

Disposal: Not applicable

2.4 Physical and chemical hazard information: Not applicable

2.5 Health Hazards: Not applicable

2.6 Environmental Hazards: N/A

2.7 Other hazards: no information

### 3. Composition/Information on ingredients

Composition Information: Pure

Ingredient CAS RN content (%)

Main ingredients: Alizarin yellow GG 584-42-9  $\leq 100$

### 4. First aid measures

4.1 Description of the necessary first aid measures:

Inhalation: If inhaled, move the patient to fresh air. If breathing stops, artificial respiration is given. Consult your doctor.

Skin contact: Rinse with soap and plenty of water. Consult your doctor.

Eye contact: Rinse thoroughly with plenty of water and ask a doctor.



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Ingestion: Never feed anything from the mouth of an unconscious person. Rinse your mouth with water. Consult your doctor.

4.2 Main symptoms and effects, acute and late effects:

4.3 Instructions and tips for timely medical treatment and special treatment: no data

## 5. Fire fighting measures

5.1 Description of special hazard: no data

5.2 Fire extinguishing method or fire extinguishing agent: mist water, alcohol-resistant foam, sand, dry powder, carbon dioxide.

5.3 Precautions and measures for fire extinguishing: If necessary, wear a self-contained breathing apparatus to fight the fire.

## 6. Accidental release measures

6.1 Protective measures, protective equipment and emergency response procedures for operators: use personal protective equipment. Ensure adequate ventilation. Personnel evacuated to a safe area. Avoid inhaling dust. Avoid inhaling vapors, fumes, or gases.

6.2 Environmental protection measures: Do not allow products to enter the sewer.

6.3 Containment and removal methods of spilled chemicals and disposal materials used: Containment of spills, collection of spills with an anti-electric vacuum cleaner or wet brush, and place them in containers for disposal according to local regulations.

## 7. Handling and storage

7.1 Precautions for safe disposal: Avoid exposure: Obtain special guidance before use. Avoid contact with skin and eyes. Avoid inhaling vapors and smoke. ensure the safe handling of substances or mixtures; Prevent handling with incompatible substances or mixtures; Minimize the release of substances or mixtures into the environment. Eating, drinking and smoking are prohibited in the workplace. Wash your hands after use. Take off before entering the dining area Stained clothing and protective equipment are removed.

7.2 Precautions for safe storage: Store in a cool place. Keep the container tightly closed and store in a dry and ventilated place.

7.3 Incompatibilities: See Section 10

## 8. Exposure controls/personal protection

8.1 Occupational Exposure Limits in the Workplace:

MAC (mg/m<sup>3</sup>): No data available

PC-STEL (mg/m<sup>3</sup>): no data

TLV-TWA (mg/m<sup>3</sup>): no data

PC-TWA (mg/m<sup>3</sup>): no data

TLV-C (mg/m<sup>3</sup>): no data

TLV = STEL (mg/m<sup>3</sup>): no data

8.2 Test method: no data

8.3 Engineering controls: Keep air concentrations below occupational exposure standards. The



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production process is closed and ventilation is strengthened. Safety showers and eyewash equipment are available.

## 8.4 Exposure Control:

Respiratory protection: If the hazard assessment indicates the need for an air-purifying gas mask, use a full-face multi-purpose gas mask or gas mask cartridge as an alternate for engineering control. If a gas mask is the only way to protect, a full-face venturized gas mask is used. Respirators use respirators and parts that have been tested and passed government standards.

## 9. Physical and chemical properties

Appearance and properties: yellow solid.

Odor: Not available

Odor threshold: no data available

pH: No data available

Melting Point/Freezing Point (°C): >300°C

Boiling Point, Initial Boiling Point, Boiling Range (°C): No data

Density/relative density (water = 1): no data available

Steam density (air = 1): no data available

Vapor pressure (kPa): no data available

Heat of combustion (kJ/mol): no data available

Decomposition temperature: no data available

Critical pressure: no data available

Logarithm of octanol/water partition coefficient: no data

Flash point (°C): No data

Autoignition temperature (°C): No data

Upper explosion % (V/V): No data

Solubility: soluble in hot water, soluble in ethanol, aqueous solution and ethanol solution are golden yellow, slightly soluble in cold water, propanol and ethylene glycol ether. When concentrated sulfuric acid is reddish-yellow, diluted to produce greenish-yellow precipitate,

In case of concentrated nitric acid, it is a yellow amber solution.

Lower explosion limit % (V/V): No data

Flammability (solids, gases): No data available

Evaporation rate: No data available

Hand protection: Wear chemical-resistant gloves.

Eye Protection: Face shields and safety lenses should be used to protect your eyes with equipment that has been tested and approved by official standards.

Skin and body protection: Wear chemical protective clothing.

Other protections: Eating, drinking and smoking are prohibited in the workplace. Wash your hands after use. Remove contaminated clothing and protective equipment before entering the dining area. After the work is done, the shower changes. Pay attention to personal hygiene.

## 10. Stability and reactivity

### 10.1 Reactivity



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no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

## 11. Toxicological information

11.1 Acute toxicity: no data

11.2 Skin irritation or corrosion: No data available

11.3 Eye irritation and corrosion: no data

11.4 Respiratory or skin allergies: no data available

11.5 Germ cell mutagenicity: no data

11.6 Carcinogenicity: No data

11.7 Reproductive toxicity: no data

11.8 Specific target organ system toxicity (one exposure): no data

11.9 Specific target organ systemic toxicity (repeated exposure): no data

11.10 Hazard of Inhalation: No data

11.11 Potential Health Hazards:

Inhalation: No data

Intake: No data available

Skin: No data available

Eyes: No data

## 12. Ecological information

12.1 Ecotoxicity: no data

12.2 Persistence and degradability: no data available

12.3 Potential bioaccumulation: no data

12.4 Migration in soils: no data available

12.5 Other adverse effects: No data available

## 13. Disposal considerations

13.1 Residual waste disposal method: Dispose of surplus and non-recyclable products to a licensed company

13.2 Contaminated containers and packaging: disposed of as unused products

13.3 Precautions for disposal of waste: Refer to relevant national and local laws and regulations before disposal.



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## 14. Transport Information

- 14.1 United Nations Dangerous Goods Number: NA
- 14.2 United Nations Carriage Name: Non-Dangerous Goods
- 14.3 United Nations Hazard Classification: NA
- 14.4 Packing group: No information
- 14.5 Packing method: no information
- 14.6 Marine pollutants (yes/no): No
- 14.7 Precautions for Transportation: No information

## 15. Regulatory Information

The following laws, regulations and standards provide for the safe use, storage, transportation, loading and unloading, classification and marking of chemicals:

- Catalogue of Hazardous Chemicals (2015 Edition): Not included
- Catalogue of Classification and Varieties of Precursor Chemicals (2015 Edition): Not included
- List of Hazardous Chemicals Prone to Explosion (2017 Edition): Not included
- List of Existing Chemical Substances in China: Included

"Specification for Classification and Labeling of Chemicals" series of national standards (GB 30000.2-2013~30000.29-2013)

If applicable, the chemical meets the requirements of the Regulations on the Safety Management of Hazardous Chemicals.

## 16. Other Information

Standard: Safety Data Sheet for Chemicals – Content and Item Sequence (GB/T 16483)

Revision Instructions: Revised every 5 years or when new relevant national laws and regulations are introduced

Disclaimer: The above information is considered correct, but does not contain all information and is intended as a guide only. The information in this document is based on what we currently know and applies to this product to the correct safety tips. This information does not represent a guarantee of the nature of this product. This SDS only provides information on the safety precautions of the product to those who are properly trained to use the product. The user who obtains the SDS must make an independent judgment on the applicability of this CSDS under special conditions of use, and the Company shall not be liable for any damage caused by the use of this SDS in special use cases.