

# SAFETY DATA SHEET

Version: v1

Revision Date: 2025-01-16

Print Date: 2025-01-17

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name : Alizarin yellow R  
Product Number : A100246  
Brand : aladdin  
CAS-No. : 2243-76-7

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances.

### 1.3 Company

Company : ALADDIN SCIENTIFIC CORPORATION  
Address : 14078 Meridian Parkway,  
Riverside, CA. 92518  
Telephone : +1 (833) 552-7181  
Fax : no data available

### 1.4 Emergency telephone number

CHEMTREC®, Inside the USA : 1-800-424-9300  
CHEMTREC®, Outside the USA :

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 4), H302 Eye irritation (Category 2), H319

### 2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H302 Harmful if swallowed  
H319 Causes serious eye irritation

Precautionary statement(s)

P264 Wash hands [and ...] thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

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|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P301+P312      | IF SWALLOWED: call a POISON CENTER/doctor/... IF you feel unwell.                                                                |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. |
| P337+P313      | IF eye irritation persists: Get medical advice/attention.                                                                        |

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| Synonyms         | : 5-(4-Nitrophenylazo)salicylic acid C.I. 14030                |
| Formula          | : C <sub>13</sub> H <sub>9</sub> N <sub>3</sub> O <sub>5</sub> |
| Molecular weight | : 287.23                                                       |
| CAS No.          | : 2243-76-7                                                    |
| EC-NO.           | : 218-818-3                                                    |

| Component                | Classification    | Concentration |
|--------------------------|-------------------|---------------|
| <b>Alizarin yellow R</b> |                   |               |
|                          | no data available | AR            |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

no data available

### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

## SECTION 5: Firefighting measures

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## 5.1 Extinguishing media

### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Unsuitable extinguishing media

no data available

## 5.2 Special hazards arising from the substance or mixture

Oxycarbide, Nitrogen oxide

## 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

## 5.4 Further information

no data available

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

### 6.2 Environmental precautions

Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

### 7.3 Specific end use(s)

no data available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

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Phone: +1 (833) 552-7181 Email: [QualityAssurance@aladdinsci.com](mailto:QualityAssurance@aladdinsci.com) Website: <https://www.aladdinsci.com/>

## 8.2 Exposure controls

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

#### Eye/face protection

Safety glasses with side-shields conforming to EN166

#### Skin protection

Handle with gloves.

#### Body Protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Control of environmental exposure

no data available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| a) Appearance                                   | form: powder color: Dark brown |
| b) Odour                                        | no data available              |
| c) Odour Threshold                              | no data available              |
| d) pH                                           | no data available              |
| e) Melting point/freezing point                 | > 300 °C - lit.                |
| f) Initial boiling point and boiling range      | no data available              |
| g) Flash point                                  | no data available              |
| h) Evaporation rate                             | no data available              |
| i) Flammability (solid, gas)                    | no data available              |
| j) Upper/lower flammability or explosive limits | no data available              |
| k) Vapour pressure                              | no data available              |
| l) Vapour density                               | no data available              |
| m) Relative density                             | no data available              |
| n) Water solubility                             | no data available              |
| o) Partition coefficient: n-octanol/water       | 2.617                          |
| p) Auto-ignition temperature                    | no data available              |
| q) Decomposition temperature                    | no data available              |
| r) Viscosity                                    | no data available              |

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s) Explosive properties N

no data available

t) Oxidizing properties N

no data available

## 9.2 Other safety information

no data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials

Oxidizing agents

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.- Carbon oxides, nitrogen oxides (NOx)

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity****Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

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no data available  
**Specific target organ toxicity - single exposure**  
 no data available  
**Specific target organ toxicity - repeated exposure**  
 no data available  
**Aspiration hazard**  
 May be harmful if inhaled.Causes respiratory tract irritation.  
**Additional Information**

## SECTION 12: Ecological information

- 12.1 Toxicity**  
no data available
- 12.2 Persistence and degradability**  
no data available
- 12.3 Bioaccumulative potential**  
no data available
- 12.4 Mobility in soil**  
no data available
- 12.5 Results of PBT and vPvB assessment**  
no data available
- 12.6 Other adverse effects**  
no data available

## SECTION 13:

- 13.1 Disposal considerations**
  - Product**  
Observe all federal, state, and local environmental regulations.Contact a licensed professional waste disposal service to dispose of this material.
  - Contaminated packaging**  
Dispose of as unused product.

## SECTION 14: Transport information

**DOT (US)**  
 UN number: no data available      Packing group: no data available      Class: no data available

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|                                         |                                            |                                             |
|-----------------------------------------|--------------------------------------------|---------------------------------------------|
| Proper shipping name: no data available | Reportable Quantity(RQ): no data available | Poison Inhalation Hazard: no data available |
|-----------------------------------------|--------------------------------------------|---------------------------------------------|

Environmental Hazards: no data available

**IMDG**

|                                         |                                  |                           |
|-----------------------------------------|----------------------------------|---------------------------|
| UN number: no data available            | Packing group: no data available | EMS-No: no data available |
| Proper shipping name: no data available |                                  |                           |

**IATA**

|                                         |                                  |                          |
|-----------------------------------------|----------------------------------|--------------------------|
| UN number: no data available            | Packing group: no data available | Class: no data available |
| Proper shipping name: no data available |                                  |                          |

**SECTION 15: Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**SECTION 16: Other information**

|                         |                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prepared By</b>      | Regulatory Affairs<br>ALADDIN SCIENTIFIC CORPORATION<br>Email: <a href="mailto:QualityAssurance@aladdinsci.com">QualityAssurance@aladdinsci.com</a> |
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| <b>Revision Date</b>    | 16-Jan-2025                                                                                                                                         |
| <b>Print Date</b>       | 17-Jan-2025                                                                                                                                         |
| <b>Revision Summary</b> | SDS sections updated v1                                                                                                                             |

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