
ALIZARIN YELLOW INDICATOR R

1. Chemical Product And Company Identification

Company's Name: REAGENTS, INC.

Company's P. O. Box: 240746

Company's City: CHARLOTTE

Company's State: NC

Company's Country: US

Company's Zip Code: 28224

Company's Info Ph #: 704/554-7474, 800/732-8484

Emergencies, call CHEMTREC: 800-424-9300

Date MSDS Prepared: May 30, 2003

Synonyms: Alizarin Yellow R Sodium Salt; 5-(P-Nitrophenylazo) Salicylic Acid Sodium Salt; Sodium P-Nitrobenzeneazosalicylate.

CAS No.: 1718-34-9

Molecular Formula: $O_2NC_6H_4NNC_6H_3OHCOONa$

Molecular Weight: 635.1811

Product Codes: 6-10150

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
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Alizarin Yellow R Sodium Salt	1718-34-9	98 - 100%	Yes

3. Hazards Identification

Emergency Overview

WARNING! CAUSES SEVERE IRRITATION. MAY BE HARMFUL IF SWALLOWED OR INHALED. IRRITATING TO MUCOUS MEMBRANES AND RESPIRATORY TRACT. IF CONTACTED, FLUSH SKIN OR EYES WITH WATER FOR AT LEAST 15 MINUTES. IF INHALED, REMOVE TO FRESH AIR. IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY.

Health Rating: 1 - None

Flammability Rating: 1 - Slight

Reactivity Rating: 0 - None

Contact Rating: 1 - Slight

Lab Protective Equip: GOGGLES; LAB COAT

Storage Color Code: Green (General Storage)

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: No information found.

4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention for any breathing difficulty.

Ingestion: Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention for any gastrointestinal irritation.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms occur.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention for any irritation.

5. Fire Fighting Measures

Autoignition Temperature: Not applicable.

Flash Point: Not applicable.

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use dry chemical, carbon dioxide, alcohol-resistant foam, or water spray.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

7. Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

Storage: Store in a cool, dry place. Store in a tightly closed container.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits: None established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear protective gloves.

Eye Protection: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Physical State: Solid

Appearance: Brown yellow, red brown or brown

Odor: Odorless

pH: Not available.

Vapor Pressure: Negligible

Vapor Density: 10.7

Evaporation Rate: Negligible

Viscosity: Not available.

Boiling Point: Decomposes

Freezing/Melting Point: 482°F

Decomposition Temperature: Not available.

Solubility: Soluble in water

Specific Gravity/Density: >1.0

10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Conditions to Avoid: Incompatible materials, dust generation, excess heat.

Incompatibilities with Other Materials: Strong oxidizing agents

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

11. Toxicological Information

LD₅₀/LC₅₀: No information found.

-----\Cancer Lists\-----			
---NTP Carcinogen---			
Ingredient	Known	Anticipated	IARC Category
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Alizarin Yellow R (1718-34-9)	No	No	None

12. Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not regulated.

15. Regulatory Information

FEDERAL

TSCA: CAS# 1718-34-9 is listed on the TSCA inventory.

Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

Section 12b: None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

SARA

CERCLA Hazardous Substances and corresponding RQs: None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.

SARA Codes: CAS # 1718-34-9: reactive.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

Alizarin Yellow R Sodium Salt is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California No Significant Risk Level: None of the chemicals in this product are listed.

United Kingdom Occupational Exposure Limits United Kingdom Maximum Exposure Limits Canada

CAS# 1718-34-9 is listed on Canada's DSL List.

This product has a WHMIS classification of Not controlled..

CAS# 1718-34-9 is not listed on Canada's Ingredient Disclosure List.

WHMIS: *This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.*

16. Other Information

NFPA Ratings: *Health: 1 Flammability: 0 Reactivity: 0*

Label Hazard Warning: **WARNING! CAUSES SEVERE IRRITATION. MAY BE HARMFUL IF SWALLOWED OR INHALED. IRRITATING TO MUCOUS MEMBRANES AND RESPIRATORY TRACT. IF CONTACTED, FLUSH SKIN OR EYES WITH WATER FOR AT LEAST 15 MINUTES. IF INHALED, REMOVE TO FRESH AIR. IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY.**

Label Precautions:

Avoid contact with eyes, skin and clothing.

Avoid breathing dust.

Keep container closed.

Use with adequate ventilation.

Wash thoroughly after handling.

Label First Aid: *In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, give large amounts of water to drink. Never give anything by mouth to an unconscious person. In all cases, get medical attention.*

Product Use: *Laboratory Reagent.*

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