



Columbus Chemical Industries

Chemtrec # (800) 424-9300
National Response Center # (800) 424-8802

**MATERIAL
SAFETY DATA
SHEET**

SB7642
SA9320

Alizarin Yellow R

Effective: 11/26/85

Page: 1
Issued: 11/29/85

SECTION I - PRODUCT IDENTIFICATION

Product Name: Alizarin Yellow R
 Formula: $\text{NO}_2\text{C}_6\text{H}_4\text{N}:\text{NC}_6\text{H}_3-4-\text{OH}-5-\text{COONa}$
 Formula Wt: 309.22
 CAS No.: ~~1703-34-9~~ 2243-76-7
 NIOSH/RTECS No.: U05320000
 Common Synonyms: C.I.14030; 5-[(p-Nitrophenyl)azo]salicylic Acid, Sodium Salt
 Product Codes: Columbus Chemical Industries, Inc.
 N4335 Temkin Road
 Columbus, WI 53925
 (414) 623-2140

PRECAUTIONARY LABELLING

Precautionary Label Statements

WARNING!
HARMFUL IF SWALLOWED
CAUSES IRRITATION

There is insufficient data in the published literature to assign complete numerical SAF-T-DATA ratings and laboratory protective equipment for this product. Special precautions must be used in storage, use and handling.

Protective equipment for laboratory bench use should be chosen using professional judgment based on the size and type of reaction or test to be conducted and the available ventilation, with overriding consideration to minimize contact with the chemical.

Avoid contact with eyes, skin, clothing.

Keep in tightly closed container. Wash thoroughly after handling.

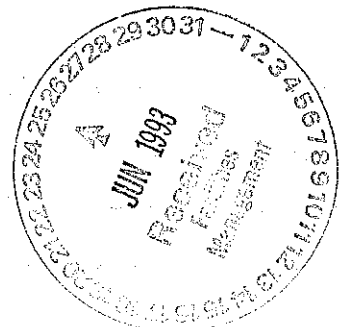
SECTION II - HAZARDOUS COMPONENTS

Component	%	CAS No.
Alizarin Yellow R	90-100	1718-34-9

SECTION III - PHYSICAL DATA

Boiling Point: N/A Vapor Pressure (mmHg): N/A
 Melting Point: N/A Vapor Density (air=1): N/A
 Specific Gravity: 1.00 Evaporation Rate: N/A
 (H₂O=1) (Butyl Acetate=1)
 Solubility (H₂O): Moderate (1 to 10 %) % Volatiles by Volume: N/A
 Appearance & Odor: Rust colored crystals with no odor.

Continued on Page: 2



Alizarin Yellow R

Page: 2

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Fire Extinguishing Media

Use water spray, carbon dioxide, dry chemical or ordinary foam.

Special Fire-Fighting Procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

Toxic Gases Producednitrogen oxides
-----SECTION V - HEALTH HAZARD DATA
-----Effects of Overexposure

No effects of overexposure were documented.

Emergency and First Aid Procedures

CALL A PHYSICIAN.

If swallowed, if conscious, immediately induce vomiting.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Flush skin with water.
-----SECTION VI - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: none documented

Incompatibles: strong oxidizing agents, strong reducing agents

Decomposition Products: oxides of nitrogen
-----SECTION VII - SPILL AND DISPOSAL PROCEDURES
-----Steps to be taken in the event of a spill or discharge

Wear self-contained breathing apparatus and full protective clothing.

With clean shovel, carefully place material into clean, dry container and cover; remove from area. Flush spill area with water.

Disposal Procedure

Dispose in accordance with all applicable federal, state, and local environmental regulations.

Continued on Page: 3

Alizarin Yellow R

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SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT

Eye/Skin Protection: Since some of the hazards of this product are unknown, an Industrial Hygienist should be consulted on ventilation and personal protective equipment. Cover the body as much as possible to avoid contact with the chemical. Wear safety goggles, gloves, and impervious clothing.

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Special Precautions

Keep container tightly closed. Suitable for any general chemical storage area.

Isolate from incompatible materials.

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

DOMESTIC (D.O.T.)

Proper Shipping Name Chemicals, n.o.s.

INTERNATIONAL (I.M.O.)

Proper Shipping Name Chemicals, n.o.s.

N/A = Not Applicable or Not Available

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