

**SIGMA-ALDRICH****Material Safety Data Sheet**

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 Version 1.30

**Section 1 - Product and Company Information**

Product Name	Eosin Y, 5 wt. % solution in water			
Product Number	318906			
Brand	Sigma-Aldrich			
Company	Sigma-Aldrich			
Street Address	3050 Spruce Street			
City, State, Zip, Country	SAINT LOUIS, MO 63103 US			
Technical Phone:	800-325-5832	Emergency Phone:	314-776-6555	
Fax:	800-325-5052			

**Section 2 - Composition/Information on Ingredient**

Substance Name	CAS #	SARA 313	EC no	Annex I Index Number
EOSIN Y, 5 WT. % SOLUTION IN WATER	None		No	
Formula Synonyms	C20H8Br4O5			

**Section 3 - Hazards Identification****Emergency Overview**

Caution: Avoid contact and inhalation.

For additional information on toxicity, please refer to Section 11.

**Section 4 - First Aid Measures****Oral Exposure**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Inhalation Exposure**

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

**Dermal Exposure**

In case of contact, immediately wash skin with soap and copious amounts of water.

**Eye Exposure**

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

**Section 5 - Fire Fighting Measures**

Autoignition Temp: N/A

**Extinguishing Media****Suitable**

Noncombustible. Use extinguishing media appropriate to surrounding fire conditions.

**Firefighting****Protective Equipment**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Section 6 - Accidental Release Measures****Procedure(s) of Personal Precaution(s)**

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

**Methods for Cleaning Up**

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

**Section 7 - Handling and Storage****Handling****User Exposure**

Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

**Storage****Suitable**

Keep tightly closed. Store in a cool dry place.

**Section 8 - Exposure Controls / PPE****Engineering Controls**

Safety shower and eye bath. Mechanical exhaust required.

**Personal Protective Equipment****Respiratory**

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

**Hand**

Compatible chemical-resistant gloves.

**Eye**

Chemical safety goggles.

**General Hygiene Measures**

Wash contaminated clothing before reuse. Wash thoroughly after handling.

**Section 9 - Physical/Chemical Properties**

Molecular Weight: 691.88 AMU

pH N/A

BP/BP Range N/A

MP/MP Range N/A

Freezing Point N/A

Vapor Pressure N/A

Vapor Density N/A

Saturated Vapor Conc. N/A

SG/Density 1.015 g/cm<sup>3</sup>

Bulk Density	N/A
Odor Threshold	N/A
Volatile%	N/A
VOC Content	N/A
Water Content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point °F	N/A
Flash Point °C	N/A

Explosion Limits	N/A
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Flammability	N/A
Autoignition Temp	N/A
Solubility	N/A

N/A = not available

## Section 10 - Stability and Reactivity

### Stability

**Materials to Avoid**  
Strong oxidizing agents.

### Hazardous Decomposition Products

**Hazardous Decomposition Products**  
Nature of decomposition products not known.

## Section 11 - Toxicological Information

### Route of Exposure

**Skin Contact**  
May cause skin irritation.  
**Eye Contact**  
May cause eye irritation.  
**Inhalation**  
Material may be irritating to mucous membranes and upper respiratory tract.

**Multiple Routes**  
May be harmful by inhalation, ingestion, or skin absorption.

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

RTECS Number: N/A

## Section 12 - Ecological Information

No data available.

## Section 13 - Disposal Considerations

### Appropriate Method of Disposal of Substance or Preparation

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## Section 14 - Transport Information

### DOT

**Proper Shipping Name:** None  
**Non-Hazardous for Transport:** This substance is considered to be non-hazardous for transport.

### IATA

**Non-Hazardous for Air Transport:** Non-hazardous for air transport.

## Section 15 - Regulatory Information

### US Classification and Label Text

#### US Statements

Caution: Avoid contact and inhalation.

### United States Regulatory Information

SARA Listed: No

### Canada Regulatory Information

#### WHMIS Classification

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

## Section 16 - Other Information

### Disclaimer

For R&D use only. Not for drug, household or other uses.

### Warranty

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2007 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.