



The Science Company ®

**MSDS**

## Material Safety Data Sheet

### 1. PRODUCT and COMPANY IDENTIFICATION

**Product:** Eosin Y, 1 % Aqueous

**Product Code(s):** NC-13178, M-2126,  
M-2127, E-1002

**Synonyms:** Mixture

**Distributor:** The Science Company.

95 Lincoln St, Denver, CO 80203

Ph: (303)777-3777 Fax: (303)777-3331

**IN CASE OF EMERGENCY  
24 HOUR CONTACT TELEPHONE  
CHEM-TEL: (800)255-3924**

All non-emergency questions may be directed to customer  
service (303)777-3777

### 2. COMPOSITION and INFORMATION on INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Chemical Formula</u>	<u>Formula Weight</u>	<u>Hazardous</u>	<u>% by Weight</u>
Eosin Y	17372-87-1	C <sub>20</sub> H <sub>6</sub> Br <sub>4</sub> Na <sub>2</sub> O <sub>5</sub>	691.9	No	1
Water	7732-18-5	H <sub>2</sub> O	18.015	No	99

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:**

**CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, RESPIRATORY TRACT, AND/OR GASTROINTESTINAL TRACT.  
MAY BE HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.**

**SAFETY RATINGS:** Health: 1, Slight Reactivity: 0, None  
Flammability: 0, None Contact: 1, Slight

**Protective Equipment:** Safety Glasses, Lab Coat or Apron, Gloves

**Storage Code:** Green: General

**Potential Health Effects:**

**INHALATION:**

No known effects.

**INGESTION:**

No known effects.

**SKIN CONTACT:**

No known effects.

**EYE CONTACT:**

No known effects.

**POTENTIAL ACUTE HEALTH EFFECTS:**

May be toxic to mucus membranes.

**POTENTIAL CHRONIC HEALTH EFFECTS:**

Repeated or prolonged exposure to the substance can produce target organs damage.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED by EXPOSURE:**

Repeated or prolonged exposure is not known to aggravate medical condition.

### 4. FIRST AID MEASURES

**INHALATION:**

Remove to fresh air. Get medical attention for any breathing difficulty.

**INGESTION:**

Give several glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

**SKIN CONTACT:**

Wash with mild soap and water. If irritation develops, get medical attention.

**EYE CONTACT:**

Check for and remove contact lenses. Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops, get medical attention.

## 5. FIRE FIGHTING MEASURES

**NFPA RATINGS:** Health: 0 Flammability: 0 Reactivity: 0

**FIRE:**

Not considered to be a fire hazard.

**EXPLOSION:**

Not considered to be an explosion hazard.

**FIRE EXTINGUISHING MEDIA:**

Use any means suitable for extinguishing surrounding fire.

**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

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

## 7. HANDLING and STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Observe all warnings and precautions listed for the product.

## 8. EXPOSURE CONTROL and PERSONAL PROTECTION

**EXPOSURE LIMITS:**

No information found.

**VENTILATION SYSTEM:**

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

**PERSONAL RESPIRATORS (NIOSH) APPROVED:**

Not expected to require use of a personal respirator.

**SKIN PROTECTION:**

Wear protective clothing, gloves, lab coat or apron, as appropriate, to prevent skin contact.

**EYE PROTECTION:**

Use chemical safety glasses or goggles. Maintain approved eye wash station in work area.

## 9. PHYSICAL and CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Red liquid
<b>ODOR:</b>	No odor
<b>SOLUBILITY:</b>	Miscible with water
<b>SPECIFIC GRAVITY:</b>	No information found
<b>pH:</b>	No information found
<b>% VOLATILES by VOLUME:</b>	No information found
<b>BOILING POINT:</b>	No information found
<b>MELTING POINT:</b>	No information found
<b>VAPOR DENSITY (Air =1):</b>	No information found
<b>VAPOR PRESSURE (mm Hg):</b>	No information found
<b>EVAPORATION RATE (BuAc=1):</b>	No information found

## 10. STABILITY and REACTIVITY

**STABILITY:**

Stable under ordinary conditions of use and storage.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

No information found.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**INCOMPATIBILITIES:**

No information found.

**CONDITIONS to AVOID:**

No information found.

## 11. TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL DATA:**

Acute oral toxicity (LD50): 234400 mg/kg (Mouse) (estimate).

**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL FATE:**

No information found.

**ENVIRONMENTAL TOXICITY:**

No information found.

**13. DISPOSAL INFORMATION**

Whatever cannot be saved for recovery or recycling should be disposed of or incinerated at an 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****TRANSPORT (Land, DOT):**

Not regulated.

**15. REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:** U.S. EPA TSCA 8(b) Inventory: Water, Eosin Y

**US EPCRA (SARA Title III) Sections 311/312:**

<u>Hazard Categories</u>	<u>List (Yes/No)</u>
Section 311 – Hazardous Chemical	No
Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

**INVENTORY STATUS:**

<u>Country(s) or Region</u>	<u>Inventory Name</u>	<u>On Inventory (Yes/No)*</u>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
US & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that the listed component(s) of this product comply with the inventory requirements administered by the governing country(s)

**16. OTHER INFORMATION****PRODUCT USE:**

For manufacturing, industrial and laboratory use only, not for household use.

**DISCLAIMER:**

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