



Health	2
Fire	3
Reactivity	0
Personal Protection	

## Material Safety Data Sheet

### Eosin Y Stain

#### 1: Chemical Product and Company Identification

**Product Name :** Eosin Y Stain

**Catalog Code :** 21770035-1,21770035-2

**CAS# :**

**RTECS# :**

**TSCA :**

**CI# :**

**Chemical Name :**

**Chemical Formula :**

**Synonym :**

Eosin Y solution, alcoholic

#### Contact Information :

**bioWORLD**

4150 Tuller Road Suite 228 Dublin, OH 43017, USA

**Phone Number :** 614-792-8680

**Fax Number :** 614-792-8685

**Order Online :** <http://www.bio-world.com/>

**E-mail :** [save@bio-world.com](mailto:save@bio-world.com)

**In Case of a chemical emergency:**

Contact local hospital

**For non-emergency assistance:**

Call 1-800-860-9729

#### 2: Composition and Information on Ingredients

Name	CAS#	% of weight
Eosin Y	17372-87-1	-
Ethanol	64-17-5	-
Methanol	67-56-1	-

#### Toxicological Data :

Not Available.

#### 3: Hazards Identification

**Potential Acute Health Effects :** Not Available.

#### Potentials Chronic Health Effects :

Carcinogenic Effects : Not Available.

Mutagenic Effects : Not Available.

Teratogenic Effects : Not Available.

Developmental Toxicity : Not Available.

#### 4: First Aid Measures

**Eye Contact :** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Remove contact lenses, if present and easy to do. Call a physician.

**Skin Contact :** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

**Serious Skin Contact :** Not Available

**Inhalation :** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation :** Not Available

**Ingestion :** May be harmful if swallowed. Causes burns. Rinse mouth with water. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

**Serious Ingestion :** Not Available

#### 5: Fire and Explosion Data

**Flammability of the Product :** flammable

**Auto-Ignition Temperature :** 362 °C (684 °F)

**Flash Points :** 13 °C (55 °F) - closed cup

**Flammable Limits :** Not Available

**Product of Combustion :** Not Available

**Fire Hazards in Presence of Various Substances :** Not Available

**Explosion Hazards in Presence of Various Substances :** Not Available

**Fire Fighting Media and Instructions :**

SMALL FIRE : Use DRY chemical powder.

LARGE FIRE : Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards :** Not Available

**Special Remarks on Explosion Hazards :** Not Available

#### 6 : Accidental Release Measures

**Small Spill :** For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof and Clean-up Methods container for disposal.

**Large Spill :** For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways.

#### 7: Handling and Storage

**Precautions :** Keep away from heat. Keep away from sources of ignition. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Wear suitable protective clothing. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from heat and sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Wash hands before and after handling.

**Storage :** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### 8: Exposure Controls/Personal Protection

**Engineering Controls :** Not Available

**Personal Protection :** Respiratory : Government approved respirator. Hand: Chemical resistant gloves. Eye: Safety glasses. Skin & Body: Work uniform or laboratory coat.

**Personal Protection in Case of a Large Spill** : Not Available

**Exposure Limits** : Not Available

## 9: Physical and Chemical Properties

**Physical State and Appearance** : Liquid

**Odor** : Not Available

**Taste** : Not Available

**Molecular Weight** : Not Available

**Color** : Not Available

**PH Value** : Not Available

**Boiling Point** : Not Available

**Melting Point** : Not Available

**Critical Temperature** : Not Available

**Specific Gravity** : Not Available

**Vapour Pressure** : Not Available

**Vapor Density** : Not Available

**Volatility** : Not Available

**Odor Threshold**:Not Available

**Water/Oil Dist. Coeff** : Not Available

**Ionicity(in Water)** : Not Available

**Dispersion Properties** : Not Available

**Solubility** : Not Available

## 10: Stability and Reactivity Data

**Stability** : Stable under recommended storage conditions.

**Instability Temperature** : Not Available

**Conditions of Instability** : Heat, flames and sparks. Extremes of temperature and direct sunlight.

**Incompatibility with various substances** : Acids, Oxidizing agents, Alkali metals, Strong oxidizing agents, Ammonia, Acid chlorides, Acid anhydrides, Reducing agents, Peroxides

**Corrosivity** : Not Available

**Special Remarks on Reactivity** : Not Available

**Special Remarks on Corrosivity** : Not Available

**Polymerization** : Not Available

## 11:Toxicological Information

**Routes of Entry** : Skin contact, eye contact, inhalation, ingestion

**Toxicity to Animals** : Not AvailableNot Available

**Chronic Effects on Humans** : Not Available

**Other Toxic Effects on Humans :** Not Available

**Special Remarks on Toxicity to Animals :** Not Available

**Special Remarks on Chronic Effects on Humans :** Not Available

**Special Remarks on other Toxic Effects on Humans :** Not Available

## 12: Ecological Information

**Ecotoxicity :** Not Available

**BOD5 and COD :** Not Available

**Product of Biodegradation :** Not Available

**Toxicity of the Products of Biodegradation :** Not Available

**Special Remarks on the Products of Biodegradation :** Not Available

## 13: Disposal Considerations

**Waste Disposal :** Waste must be disposed of in accordance with federal, state and local environmental control regulations. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

## 14: Transport Information

**DOT Classification :** Not available.

**Identification :** Not available.

**Special Provisions for Transport :** Not available.

## 15: Other Regulatory Information

**Federal and State Regulations :** OSHA Hazards

Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Carcinogen

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Methanol CAS-No. 67-56-1

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**Other Regulations :** Not available.

**Other Classifications :** Not available.

**WHMIS(Canada) :** Not available.

**DSCL(EEC) :** Not available.

**HMIS(U.S.A) :**

**Health Hazard :** 2

**Fire Hazard :** 3

**Reactivity :** 0

**Personal Protection :**

**National Fire Protection Association (U.S.A) :**

**Health :** 2

**Flammability :** 3

**Reactivity :** 0

**Specific hazard :** Not available.

**Protective Equipment :** Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

#### 16: Other Information

**References :** Not available.

**Other Special Considerations :**

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