

MATERIAL SAFETY DATA SHEET

1 OF 2

Section I: IDENTIFICATION

Product Name: **Eosin Y 0.25 to 1%, Aqueous**

Date Prepared: 07/14/04 *Date Revised*:* 11/12/10

Item Number(s): 400603, 400606, 400730

Emergency Phone Infotrac: 800-535-5053

Section II: COMPOSITION

<i>Component(s):</i>	<i>CAS Number</i>	<i>OHSA PEL, ACGIH TLV/STEL</i>	<i>NFPA</i>	
Eosin Y	17372-87-1	NA	Health	1
			Flammability	0
			Reactivity	0

Material as offered is not expected to present a health hazard

Section III: PHYSICAL DATA

<i>Boiling Point:</i>	~212°F	<i>Specific Gravity (H₂O = 1):</i>	1
<i>Vapor Pressure mm Hg/20 °C:</i>	NE	<i>Percent Volatile by Vol:</i>	0
<i>Vapor Density (Air 1:1):</i>	NE	<i>Evaporation Rate (ether = 1):</i>	NE
<i>Solubility in H₂O:</i>	Complete	<i>Appearance & Odor:</i>	Orange liquid

Section IV: FIRE/EXPLOSION HAZARD

Flash Point: NA *Flammable Limits:* LEL NA UEL NA

Extinguishing Media: Water spray, dry chemical, CO₂ and foam

Special Fire Fighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream.

Unusual Fire & Explosion Hazards: Normal precautions. May emit toxic fumes under fire conditions

Section V: REACTIVITY

Stability: Stable *Material to Avoid:* Strong oxidizers.

Hazardous Decomposition or Byproducts: Oxides of carbon and nitrogen

Hazardous Polymerization: Does not occur *Conditions to Avoid:* Normal precautions

Section VI: HEALTH HAZARDS

Routes of Entry: Inhalation, Skin and Ingestion *Target Organs:* Material is considered not hazardous.

Acute: NA.

Chronic: NA

Carcinogenicity: Not classified as a human carcinogen.

Signs/Symptoms of Exposure: NA

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Section VI: HEALTH HAZARDS

Emergency First Aid:

Skin: Remove contaminated clothing. Wash affected area with soap and water.

Eyes: Thoroughly flush eyes with water. Contact a physician if irritation persists.

Ingestion: Rinse mouth with water, provided person is conscious and contact a physician.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration and contact physician.

Section VII: SAFE HANDLING

Chemical Release or Spill: Isolate the spill area with sand, or other absorbent material. Place all contaminated material in closed container for disposal.

Waste Disposal Method: All liquid and or contaminated material should be disposed of in DOT approved waste containers. Incineration for liquids is the suggested method of disposal. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storing: Normal precautions

Section VIII: CONTROL MEASURES

Respiratory Protection: Not normally required. If used in a poorly ventilated area use under an approved fume hood or NIOSH approved respirator.

Ventilation: Mechanical exhaust is sufficient.

Protective Gloves: Chemical resistant *Eye Protection:* Safety glasses

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices

Work/Hygienic Practices: Wash thoroughly with soap and water after handling.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Astraldiagnosics shall not be held liable for any damage resulting from handling or contact with this product.

*Change due to customer request. No substantial changes since prepared date.

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