

MATERIAL SAFETY DATA SHEET

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Section I: IDENTIFICATION

Product Name: **Hematoxylin, Harris**

Date Prepared: 02/15/02 *Date Revised*:* 10/31/06

Item Number(s): 400614, 400630

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>	
Hematoxylin	<1%	517-28-2	NA		Health	1
Ethanol	~ 5%	64-17-5	1000 ppm	1000/NR	Flammability	0
Methanol	< 1%	67-56-1	200	200/250	Reactivity	0
Sodium Iodate	<1%	7631-55-2	NA			
Al Amm Sulfate	~5%	7784-26-1	NA			

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>	NA
<i>Vapor Density (Air 1:1):</i>	NE	<i>Evaporation Rate (ether = 1):</i>	>1
<i>Solubility in H₂O:</i>	Complete	<i>Appearance & Odor:</i>	Maroon liquid, odorless

Section IV: FIRE/EXPLOSION HAZARD

Flash Point: Non-Flammable *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: None known

Section V: REACTIVITY

Stability: Stable *Material to Avoid:* Reducing agents, metals, most powdered metals and strong acids

Hazardous Decomposition or Byproducts: Oxides of carbon and nitrogen

Hazardous Polymerization: Does not occur *Conditions to Avoid:* Normal Laboratory Care

Section VI: HEALTH HAZARDS

Routes of Entry: Inhalation, Skin and Ingestion *Target Organs:* Kidneys, nervous system and liver

Acute/Chronic: Product is not expected to cause health hazards when utilizing good laboratory practices.

Carcinogenicity: Not classified as a human carcinogen.

Signs/Symptoms of Exposure: Vision blurring, drowsiness, headache, respiratory irritation and allergic reaction

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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 persist.

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 proper disposal.

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

Precautions for Handling and Storing: Normal laboratory care

Section VIII: CONTROL MEASURES

Respiratory Protection: Not normally required.

Ventilation: Mechanical or General 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. HealthLink 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.