

MATERIAL SAFETY DATA SHEET

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Section I: IDENTIFICATION

Product Name: **HEMATOXYLIN, Harris
Acidified**

Date Prepared: 06/01
Item Number(s): 7002, 7003
Emergency Phone: 800-424-9300

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
Ethylene Glycol	~25%	109-86-4	25 ppm	Flammability	0
Sodium Iodate	<1%	7631-55-2	NA	Reactivity	0
Aluminum Sulfate	<4%	7734-31-8	NA		
Acetic Acid	2%	64-19-7	NA		

Section III: PHYSICAL DATA

Boiling Point: 221°F *Specific Gravity (H₂O = 1):* ~1
Vapor Pressure mm Hg/20°C: NE *Percent Volatile by Vol:* NA
Vapor Density (Air 1:1): NE *Evaporation Rate (ether = 1):* >1
Solubility in H₂O: Complete *Appearance & Odor:* 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 thoroughly 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 close 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. Astraldiagnosics shall not be held liable for any damage resulting from handling or contact with this product.
