

MATERIAL SAFETY DATA SHEET

Section I: IDENTIFICATION

Product Name: **HEMATOXYLIN, Gill 1x**

Date Prepared: 03/07/02

Item Number(s): 7012, 7013

Emergency Phone: 800-424-9300

Section II: COMPOSITION

Component(s):		CAS Number	OHS PEL, ACGIH TLV/STEL		NFPA	
Hematoxylin	<1%	517-28-2	NA		Health	1
Ethylene Glycol	~25%	109-86-4	25 ppm	5/NA	Flammability	0
Sodium Iodate	<1%	7631-55-2	NA		Reactivity	0
Aluminum Sulfate	<4%	7734-31-8	NA			
Citric Acid	<1%	77-92-9	NA			

Section III: PHYSICAL DATA

Boiling Point:	221°F	Specific Gravity (H ₂ O = 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 H ₂ O:	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, sulfur 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 persists.

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 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. Astraldiagnosics shall not be held liable for any damage resulting from handling or contact with this product.
