MEDICAL CHEMICAL CORPORATION
SINCE 1954

SDS for Harris Hematoxylin
Catalog # 617A

Medical Chemical Corp.
19430 Van Ness Ave.
Torrance, CA 90501

Customer Service: Phone (310)787-6800
FAX (310)787-4464

CHEMTREC Emergency Response Telephone Number: (800)424-9300
Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please direct all other inquiries to our customer service phone number.

Section I - Product Identification

A solution of hematoxylin and aluminum ammonium sulfate in water.

Section II - Hazards Identification

Warning. Harmful if swallowed. Wash thoroughly after handling. Do not eat drink or smoke while using this product. If swallowed, rinse mouth with water and call a poison center.

Safety Ratings

Health: Hazardous Flammability: Slight *Reactivity:* None *Contact:* Slight
Recommended safety equipment: safety goggles, lab coat and proper gloves

Storage: General storage

NFPA Ratings

Health = 2 Flammability = 2 Reactivity = 0

Potential Health Effects

The toxicology of this compound have not been completely examined. It is presumed that the toxicity of this item is similar to that of other mercury compounds. Because of the genetic toxicity of mercury compounds, Pregnant women should be particularly vigilant when handling this item.

Inhalation: Not likely to be a problem.

Ingestion: While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.

Skin contact: Not normally a problem but will stain skin.

Eye contact: May be irritating

Chronic Exposure: Unknown

Aggravation of preexisting conditions: Unknown

Section III - Composition/Information on Components

Ingredients	*CAS#*	*OSHA Pel*	*ACGIH TLV*	*%*
Aluminum ammonium sulfate	7784-25-0	———-	———-	7% w/v
Ethanol	64-17-5	1000 ppm TWA	1000 ppm TWA	4.5% v/v
Isopropanol	67-63-0	400 ppm TWA	400 ppm STEL	0.25% v/v
Methyl alcohol	67-56-1	200 ppm TWA	200 ppm TWA	0.25% v/v
Hematoxylin	517-28-2	———-	———-	0.5% w/v
Mercuric oxide	21908-53-2	0.1 mg/m3 TWA	0.025 mg/m3 TWA	< 0.02% w/v

Section IV - First Aid Measures

Inhalation: Not likely to happen.

Ingestion: If the victim is conscious, induce vomiting. Never give anything by mouth to an unconscious person.

Skin Contact: Wash affected area with soap and water. Get medical advice if irritation develops.

Eye Contact: Rinse thoroughly with running water. Get medical advice if irritation develops.

Section V - Fire Fighting Measures

Flash point: 62°C (144°F).

Fire: Not normally a fire Hazard.

Explosion: Not Normally an explosion hazards.

Fire Extinguishing Media: Any means suitable for surrounding fire.

Special information: Pyrolysis will release corrosive oxides.

Section VI - Accidental Release Measures

Absorb with a suitable absorbent (such as paper towels) and store in a suitable container for disposal.

Section VII - Handling and Storage

Store in a closed container, protected from freezing.

Section VIII - Exposure Control/Personal Protection

Airborne Exposure Limits: See section III.

Ventilation System: Usually not required. When required, Refer to the ACGIH document, "Industrial Ventilation, a Manual of Recommended Practices" for details about ventilation.

Personal Respirator: Usually not required. In case of emergency, or when exposure levels are unknown, use a positive pressure, full face piece, air supplied respirator.

Skin protection: Protective gloves are recommended as part of good laboratory practice.

Eye Protection: Laboratory safety goggles or similar products are recommended as part of good laboratory practice.

Section IX - Physical and Chemical Properties

Boiling Point: 1002°C
Vapor pressure (mm Hg): 18 @ 20°C
Vapor Density (air = 1): 0.6
Appearance and Odor: A purple liquid.
Density: About 1.02 g/ml
Evaporation Rate (water = 1): 1
Solubility: Infinitely miscible with water

Section X - Stability and Reactivity

Stability: Freezes at low temperature.

Hazardous Decomposition Products: Nothing unusual.

Hazardous polymerization: Will not occur.

Incompatibilities: Nothing unusual.

Conditions to avoid: Excessive cold/heat and light.

Section XI - Toxicological Information

Mercuric salts are highly toxic and cumulative.

Cancer lists

Ingredient	*Known Carcinogenicity?*	*NTP?*	*Anticipated?*	*IARC Category*
Aluminum ammonium sulfate	no	no	no	none
Ethanol	no	no	no	none
Methanol	no	no	no	none
Isopropanol	no	no	no	3
Hematoxylin	no	no	no	none
Mercuric oxide	no	no	no	3

Section XII - Ecological Information

Environmental Fate: Not biodegradable.
Environmental Toxicity: Mercury salts are toxic to marine life.

Section XIII - Disposal Considerations

Local governments often restrict flushing down the drain of even trace amounts of mercury. Dispose of contents and container in accordance with all government regulations.

Section XIV - Transportation information

Not regulated.

Section XV - Regulatory Information

Chemical Inventory Status

Ingredient	TSCA	EC
Ethanol	Yes	Yes
Methanol	Yes	Yes
Isopropanol	Yes	Yes
Mercuric Oxide	Yes	Yes
Hematoxylin	Yes	Yes
Aluminum ammonium sulfate	Yes	Yes

Federal, State and International Regulations

	SARA 302		SARA 313		RCRA	TSCA	
Ingredient	RQ	TPQ	List	Category	261.33	8(D)	Ca. Prop 65
Isopropanol	No	No	Yes	No	No	No	No
Methanol	No	No	Yes	No	U154	No	Yes
Ethanol	No	No	No	No	No	No	No
Mercuric Oxide	500	500	No	Mercury cmpd	No	No	Yes
Hematoxylin	No	No	No	No	No	No	No
Aluminum ammonium sulfate	No	No	No	No	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: Yes

SARA 311/312: *Acute:* Yes, *Chronic*: Yes, *Flammable*: No

Section XVI - Other Information

This information is believed to be correct but is not waranteed as such, nor does it purport to be all inclusive.

Revision Date: May 1, 2015