

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name	Product Code
Hema-Diff™ Solution 3 (Thiazine)	11980-x
Manufacturer's Name	Emergency Telephone Number
StatLab Medical Products, Inc.	800-424-9300
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information
407 Interchange st.	800-442-3573 x 2
McKinney Tx 75071	Date Prepared
	4/19/2005
	Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Potassium Phosphate	7778-77-0				<1%
Sodium Phosphate	10049-21-0				<1%
Methylene Blue	7220-79-3				<1%

Section 3. Hazards Identification

Emergency Overview

Potential Health Effects

Eye	Irritant
Skin	Irritant
Ingestion	May cause irritation of the digestive tract.
Inhalation	Low hazard for usual industrial handling.
Chronic	Product is not expected to cause health hazards when utilizing good laboratory practices.
Teratology	N/A
Reproduction	N/A
Mutagenicity	N/A

Section 4. First Aid Measures

Eye	Thoroughly flush eyes with water. Contact physician if irritation persists.
Skin	Remove contaminated clothing and change. Wash affected skin area with soap and water.

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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 5. Fire Fighting Measures

Flammable Properties	Flash Point	N/A	Method	N/A
Flammable Limits	Lower	N/A	Upper	N/A
Autoignition Temperature		N/A		
Hazardous Combustion Products				
Extinguishing Media	Water spray, Dry chemical, CO2 and Foam for Alcohol.			

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

Section 6. Accidental Release Measures

Chemical Release or Spill Use proper personal protective equipment as indicated. Isolate spill area with sand, or other absorbent material. Place all contaminated material in closed container for proper disposal.

Section 7. Handling and Storage

Handling/Storage Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with skin and eyes. Keep container tightly closed. Avoid ingestion and inhalation. Store in a cool dry place. Store in a tightly closed container.

Section 8. Exposure Controls, Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Respiratory Protection Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Skin Protection Wear appropriate protective gloves and clothing to prevent skin exposure

Eye Protection

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Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Potassium Phosphate	7778-77-0				<1%
Sodium Phosphate	10049-21-0				<1%
Methylene Blue	7220-79-3				<1%

Section 9. Physical and Chemical Properties

Boiling Point	212°F	Specific Gravity (H ₂ O = 1)	~1
Vapor Pressure (mm Hg/20°C)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation rate (ether = 1)	>1
Solubility in Water	Complete	Physical State	Liquid
Appearance and Odor	Blue Liquid and odorless	Other	

Section 10. Stability and Reactivity

Chemical Stability	Generally stable.
Incompatibility	Strong oxidizing agents.
Hazardous Decomposition Products	Oxides of carbon
Hazardous Polymerization	Does not occur

Section 11. Toxicological Information

RTECS:	N/A
LD50/LC50:	N/A
CARCINOGENICITY	Not classified as a human carcinogen.

Section 12. Ecological Information

No information available.

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Section 13. Disposal Considerations

All recovered material should be packaged, labeled, transported, and disposed of , or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

Section 14. Transport Information

DOT CLASSIFICATION: N/A

DOT PROPER SHIPPING NAME: N/A

OTHER DOT INFORMATION: N/A

Section 15. Regulatory Information

Section 16. Other Information

Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration to its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and STATLAB MEDICAL PRODUCTS, INC. assumes no legal responsibility or liability whatsoever resulting from its use.