

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name	Product Code
Hema-Diff™ Solution 2 (Xanthene)	11975-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
106 Hillside Dr.	800-442-3573 x 2
Lewisville, TX 75057	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
Eosin Y	17372-87-1				<1%
Potassium Phosphate	7778-77-0				<1%
Sodium Phosphate	10049-21-0				<1%
Sodium Azide	22628-22-8	.029TWA			Trace

Section 3. Hazards Identification

Emergency Overview

Potential Health Effects

Eye	Irritant
Skin	Irritant
Ingestion	Poisonous if swallowed
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 persist.
Skin	Remove contaminated clothing and change. Wash affected skin area with soap and water.
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.

Material Safety Data Sheet

Product Name Hema-Diff™ Solution 2 (Xanthene) Product Code 11975-x



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
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 Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection 29CFR 1910.134 or European Standard EN 166.

Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Eosin Y	17372-87-1				<1%
Potassium Phosphate	7778-77-0				<1%
Sodium Phosphate	10049-21-0				<1%
Sodium Azide	22628-22-8	.029TWA			Trace

Material Safety Data Sheet



Product Name Hema-Diff™ Solution 2 (Xanthene) Product Code 11975-x

Section 9. Physical and Chemical Properties

Boiling Point	212°F	Specific Gravity (H2O = 1)	~1
Vapor Pressure (mm Hg)	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	Orange Liquid/Odorless	Other	

Section 10. Stability and Reactivity

Chemical Stability	Generally stable.
Incompatibility	None reported, acids (mineral, non-oxidizing)
Hazardous Decomposition Products	None.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

CARCINOGENICITY Not classified as human carcinogen.

Section 12. Ecological Information

No information available.

Section 13. Disposal Considerations

Dispose of in a manner consistent with federal, state and local regulations.

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 materiel. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

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.