

Material Safety Data Sheet

91-155/EEC

Issue Date:05/15/2012

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Section 1: Chemical Product and Company Identification

Cat#: 24244

Part Name: GILL'S HEMATOXYLIN #3 FOR HISTOLOGY

Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976 USA
Telephone #011-215-343-6484

Section 2: Composition/ Information on Ingredients

Note: Items listed with a CASRN... number have no CAS# available.

Item#	Name	CAS#	% in product
1	Acetic acid	0000064197	6
2	Aluminum sulfate	0010043013	5
3	Ethylene glycol	0000107211	26
4	Hematoxylin	0000517282	0.5
5	Sodium iodate	0007681552	0.05
6	Water	0007732185	64

Section 3: Hazards Identification

Low hazard for usual industrial or commercial handling.

Hazard Ratings:

These ratings are Polysciences' Inc. own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
0	0	0

Section 4: First Aid Measures

Section 5: Fire Fighting Measures

Flash point, deg F.: >200

Method:

UEL: no data LEL: no data

Autoignition temperature, deg. F.: no data

Flammability Classification: no data

Flame Propagation Rate: no data

Hazardous Combustion Products: no data

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

No special measures are indicated.

Section 7: Handling and Storage

Store at 4 deg. C.

Section 8: Exposure Controls/ Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

No special protection is indicated.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product.

Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product.

Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties

Formula: mixture vapor pressure: no data
Formula Weight: nap vapor density: no data
boiling point: 212 Specific gravity: 1.03
melting point: no data ph: 5
solubility: miscible appearance: red colored liquid

Section 10: Stability and Reactivity

Chemical Stability: stable
Conditions to Avoid: none
Incompatibility with other materials: none
Hazardous Decomposition Products: no data
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: no data
Subchronic data: no data

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
0000064197	not listed	not listed
0000107211	not listed	not listed
0000517282	not listed	not listed
0007681552	not listed	not listed
0007732185	not listed	not listed
0010043013	not listed	not listed

Section 14: Transportation Data

Proper Shipping Name: NOT REGULATED
Chemical Name:
UN:
Class:
PG:

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

R0: No R risk phrase applies use normal chemical controls
S47: Keep at temperature not exceeding 4 °C
S7/9: Keep container tightly closed and in a well-ventilated place.
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

GHS Precautionary and Hazard Statements

H000: Low hazard for normal industrial use

Section 16: Other Information

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END OF MSDS