

Material Safety Data Sheet

Issue Date: 11/28/2006

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Section 1: Chemical Product and Company Identification

Cat#: 24245

Part Name: HARRIS HEMATOXYLIN ACIDIFIED (MERCURY FREE)

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

Section 2: Composition/ Information on Ingredients

Item#	Name	CAS#	% in product
1	Acetic acid	000064197	3
2	Aluminum ammonium sulfate dodecahydrate	007784261	8
3	Ethyl alcohol	000064175	3
4	Hematoxylin	000517282	0.4
5	Sodium iodate	007681552	0.03
6	Water	007732185	85

OSHA (ACGIH) Exposure Limits

CAS#	IDLH: --	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
000064175	IDLH: --	Not classifi	--	--	--	--	--
OSHA		1000	1884	--	--	--	--
ACGIH							
000064197	IDLH: 50	Not classifi	25	--	--	--	--
OSHA		10	25	15	15	--	--
ACGIH							
000517282	IDLH: NE	NE	NE	NE	NE	NE	NE
OSHA		NE	NE	NE	NE	NE	NE
ACGIH							
007681552	IDLH: NE	NE	NE	NE	NE	NE	NE
OSHA		NE	NE	NE	NE	NE	NE
ACGIH							
007732185	IDLH: NE	NE	NE	NE	NE	NE	NE
OSHA		NE	NE	NE	NE	NE	NE
ACGIH							
007784261	IDLH: NE	NE	NE	NE	NE	NE	NE
OSHA		NE	NE	NE	NE	NE	NE
ACGIH							

Section 3: Hazards Identification

Low hazard for usual industrial or commercial handling.

Hazard Ratings:

These ratings are Polysciences' Inc. own assesments 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
1	0	0

Section 4: First Aid Measures

Contact medical personnel.

Flush eyes with flowing water for at least 15 minutes.

If swallowed, wash out mouth with water if person is conscious.

Separate eyelids with finger tips.

Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: >200

Method: nap

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 room temp

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.

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:	32	ph:	6
solubility:	miscible	appearance:	red liquid

Section 10: Stability and Reactivity

Chemical Stability: stable

Conditions to Avoid: no data

Incompatibility with other materials: no data

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
000064175	not listed	not listed
000064197	not listed	not listed
000517282	not listed	not listed
007681552	not listed	not listed
007732185	not listed	not listed
007784261	not listed	not listed

Section 14: Transportation Data

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information

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

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
000064175	no	no
000064197	no	no
000517282	no	no

007681552	no	no
007732185	no	no
007784261	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#	FL	MA	MN	PA	WA
000064175	FL	MA	MN	PA	WA
000064197	FL	MA	MN	PA	WA
000517282	not listed				
007681552	not listed				
007732185	not listed				
007784261	not listed				

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated name	de minimis conc. %	Rep. Thres.
000064175	not listed	not listed	not listed
000064197	not listed	not listed	not listed
000517282	not listed	not listed	not listed
007681552	not listed	not listed	not listed
007732185	not listed	not listed	not listed
007784261	not listed	not listed	not listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated name	TPQ (pounds)	EHS-RQ(pounds)
000064175	not listed	not listed	not listed
000064197	not listed	not listed	not listed
000517282	not listed	not listed	not listed
007681552	not listed	not listed	not listed
007732185	not listed	not listed	not listed
007784261	not listed	not listed	not listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated name	RQ (pounds)
000064175	Not listed	Not listed
000064197	Not listed	Not listed
000517282	Not listed	Not listed
007681552	Not listed	Not listed
007732185	Not listed	Not listed
007784261	Not listed	Not listed

Section 16: Other Information

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END OF MSDS