

Section 1: Chemical Product and Company Identification

Cat#: 24208A

Part Name: WEIGERT'S IRON HEMATOXYLIN SOL. A

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

Section 2: Composition/ Information on Ingredients

Item#	Name	CAS#	fraction	in product
1	2-Propanol	000067630	0.05	
2	Ethyl alcohol	000064175	0.89	
3	Hematoxylin	000517282	0.01	
4	Methanol	000067561	0.05	

OSHA (ACGIH) Exposure Limits

CAS#	OS	TWA		STEL		CEILING	
		ppm	mg/m	ppm	mg/m3	ppm	mg/m3
000064175	Not	IDLH: --	--	--	--	--	--
ACGIH 1000		1884	--	--	--	--	--
000067561	ACGIH;CA	IDLH: 6,000	260	--	--	--	--
ACGIH 200		262	250	250	--	--	--
000067630	CANADA	IDLH: 2,000	980	--	--	--	--
ACGIH 400		983	500	500	--	--	--
000517282	NE	IDLH: NE	NE	NE	NE	NE	NE
ACGIH NE		NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Flammable liquid and vapor.

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	4	0

Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If swallowed, induce vomiting as directed by medical personnel.

Separate eyelids with finger tips.

Section 5: Fire Fighting Measures

Flash point, deg F.: 51 Method: TCC

UEL: 19.0 LEL: 3.3 Autoignition temperature, deg. F.: no data

Flammability Classification: 3 Flame Propagation Rate: no data

Hazardous Combustion Products: none

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.

Absorb liquids on absorbent material.  
Remove ignition sources.

Section 7: Handling and Storage  
Store at 25 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. Use latex or equivalent gloves.  
Use process enclosures, local exhaust ventilation, or other engineering controls.

Section 9: Physical and Chemical Properties  
Formula: mixture vapor pressure: 40.4  
Formula Weight: nap vapor density: 1.6  
boiling point: 171 Specific gravity: 0.79  
melting point: no data ph: no data  
solubility: >90% appearance: reddish brown liquid

Section 10: Stability and Reactivity  
Chemical Stability: stable  
Conditions to Avoid: none  
Incompatibility with other materials: none  
Hazardous Decomposition Products: none  
Hazardous Polymerization: will not occur

Section 11: Toxicological Information  
Acute Data: no data  
Subchronic data: Ingestion may cause liver damage and fetal damage.

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
000067561	U154	Methyl alcohol
000067630	not listed	not listed
000517282	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
000067561	no	no
000067630	no	no
000517282	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
000067561	FL	MA	MN	PA	WA
000067630	FL	MA	MN	PA	WA
000517282	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
000067561	not listed	not listed	not listed
000067561	Methanol	1.0	Standard
000067630	not listed	not listed	not listed
000067630	Isopropyl alcohol (manufacturing-strong acid process, no Standard		1.0
000517282	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
000067561	not listed	not listed	not listed
000067630	not listed	not listed	not listed
000517282	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
000067561	Not listed	Not listed
000067630	Not listed	Not listed
000517282	Not listed	Not listed

Section 16: Other Information

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END OF MSDS