

Material Safety Data Sheet

Issue Date: 3/12/2009

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Section 1: Chemical Product and Company Identification

Cat#: 24901B

Part Name: PICROSIRIUS RED F3BA SOLN. B

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	2,4,6-Trinitrophenol	000088891	1.3
2	Direct Red 80	002610108	0.4
3	Water	007732185	98.3

OSHA (ACGIH) Exposure Limits

CAS#	Name	IDLH: mg/m3	TWA		STEL		CEILING	
			ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
000088891	OS	75	Not classifi	0.1	--	--	--	--
	ACGIH		--	0.1	--	--	--	--
002610108	OS	NE	NE	NE	NE	NE	NE	NE
	ACGIH		NE	NE	NE	NE	NE	NE
007732185	OS	NE	NE	NE	NE	NE	NE	NE
	ACGIH		NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Causes eye irritation.

Causes skin irritation.

May be irritant if swallowed.

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
2	0	0

Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If swallowed, do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.

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

Remove to fresh air.

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

Section 5: Fire Fighting Measures

Flash point, deg F.: no data

Method: no data

UEL: no data LEL: no data

Autoignition temperature, deg. F.: no data

Flammability Classification: no data

Flame Propagation Rate: no data

Hazardous Combustion Products: oxides of carbon

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.

Contain spilled liquids.

Decontaminate surfaces.

Protect personnel from exposure.

Ventilate the area.

Section 7: Handling and Storage

Material can ignite if dry. Do not allow material to completely dry.

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.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

Section 9: Physical and Chemical Properties

Formula:	mixture	vapor pressure:	2.3 kPa
Formula Weight:	mixture	vapor density:	0.62
boiling point:	100 C	Specific gravity:	1.01
melting point:	no data	ph:	no data
solubility:	miscible	appearance:	liquid

Section 10: Stability and Reactivity

Chemical Stabilit stable

Conditions to Avoid: do not allow to dry

Incompatibility with other materials: oxidizers, reducers

Hazardous Decomposition Products: oxides of carbon

Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: LD50 oral 16667 rat

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
000088891	not listed	not listed
002610108	not listed	not listed
007732185	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

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
000088891	no	no
002610108	no	no
007732185	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	NJ	PA	WA
000088891						
002610108	not listed					
007732185	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.
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000088891	Picric acid	1.0	not listed
002610108	not listed	not listed	not listed
007732185	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)
000088891	not listed	not listed	not listed
002610108	not listed	not listed	not listed
007732185	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)
000088891	Not listed	Not listed
002610108	Not listed	Not listed
007732185	Not listed	Not listed

Section 16: Other Information

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END OF MSDS