

Material Safety Data Sheet Issue Date: 8/11/2004  
Section 1: Chemical Product and Company Identification  
Cat#: 24351A

Part Name: PROMAX PARTICLES  
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	Iron oxide (Fe3O4)	001317619	5
2	Sodium phosphate monobasic monohydrate	010049215	0.3
3	Sodium phosphate, dibasic, anhydrous	007558794	0.3
4	Water	007732185	95

OSHA (ACGIH) Exposure Limits

CAS#	IDHL	TWA ppm	mg/m3	STEL ppm	mg/m3	CEILING ppm	mg/m3
001317619	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE
007558794	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE
007732185	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE
010049215	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE

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

Health	Flammability	Reactivity
0	----- 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:

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

Flammability no data Flame Propagation 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

Keep from freezing.  
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.

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  
melting point: 32 ph: 6.0  
solubility: dispersible appearance: brown opaque liquid

Section 10: Stability and Reactivity

Chemical stable  
Conditions to Avoid: none  
Incompatibility with other none  
Hazardous Decomposition none  
Hazardous will not occur

Section 11: Toxicological Information

Acute 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
001317619	not listed	not listed
007558794	not listed	not listed
007732185	not listed	not listed
010049215	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
001317619	no	no
007558794	no	no
007732185	no	no
010049215	no	no

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

CAS#	
001317619	not listed
007558794	MA PA
007732185	not listed
010049215	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.
001317619	not listed	not listed	not listed
007558794	not listed	not listed	not listed
007732185	not listed	not listed	not listed
010049215	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)
001317619	not listed	not listed	not listed
007558794	not listed	not listed	not listed
007732185	not listed	not listed	not listed
010049215	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.

001317619	Not listed	Not listed
007558794	Not listed	Not listed
007732185	Not listed	Not listed
010049215	Not listed	Not listed

Section 16: Other Information

POLYSCIENCES, INC. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or 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 CAS# Regulated name RQ pounds

accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular Response Center at (800) 424-8802.  
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