

Material Safety Data Sheet

Issue Date: 9/18/2008

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Section 1: Chemical Product and Company Identification

Cat#: 17243

Part Name: POLY(ETHYLENE GLYCOL)MW 8000 PHARMGRADE

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	1,4-Dioxane	000123911	0.001
2	Acetaldehyde	000075070	0.001
3	Ethylene oxide	000075218	0.001
4	Formaldehyde	000050000	0.001
5	Poly(ethylene oxide)	025322683	100

OSHA (ACGIH) Exposure Limits

CAS#	IDLH	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
CAS#: 000050000	IDLH: 20						
OSHA		Not classifi	--	2/15 min	NE	--	--
ACGIH		--	--	--	--	0.3 c	0.37
CAS#: 000075070	IDLH: 2,000						
OSHA		Not classifi	360	--	--	--	--
ACGIH		--	--	--	--	25	45
CAS#: 000075218	IDLH: 800						
OSHA		Not classifi	--	--	--	--	--
ACGIH		1	1.8	--	--	--	--
CAS#: 000123911	IDLH: 500						
OSHA		ACGIH;CA	360	--	--	--	--
ACGIH		20	72	--	--	--	--
CAS#: 025322683	IDLH: 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 available.

Health	Flammability	Reactivity
0	1	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.: >350

Method: PMCC

UEL: no data LEL: no data

Autoignition temperature, deg. F.: no data

Flammability Classification: nap

Flame Propagation Rate: no data

Hazardous Combustion Products: aldehydes

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:	HO-(CH2CH2O)n-H	vapor pressure:	<0.01 mm Hg
Formula Weight:	no data	vapor density:	>10
boiling point:	>392	Specific gravity:	1.07
melting point:	117 F	ph:	no data
solubility:	70%	appearance:	white solid

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: 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
000050000	U122	Formaldehyde
000075070	U001	Ethanal
000075218	U115	Oxirane
000123911	U108	1,4-Dioxane
025322683	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
000050000	Yes	no
000075070	Yes	no
000075218	Yes	000075218
000123911	Yes	no
025322683	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	MI	MN	NJ	PA
000050000						
WA						
000075070						
000075218						
WA						
000123911						
WA						
025322683						

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.
000050000	Formaldehyde	0.1	not listed
000075070	Acetaldehyde	0.1	not listed
000075218	Ethylene oxide	0.1	not listed
000123911	Dioxane	0.1	not listed
025322683	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)
000050000	Formaldehyde	500	100
000075070	not listed	not listed	not listed
000075218	Ethylene oxide	1,000	10
000123911	not listed	not listed	not listed
025322683	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)
000050000	Not listed	Not listed
000075070	Not listed	Not listed
000075218	Not listed	Not listed
000123911	Not listed	Not listed
025322683	Not listed	Not listed

Section 16: Other Information

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END OF MSDS