

Material Safety Data Sheet

Issue Date: 3/29/2007

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Section 1: Chemical Product and Company Identification

Cat#: 06105

Part Name: POLY(ETHYLENE OXIDE)M.W.300 000

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	Ammonia	007664417	0.02
2	Ethylene oxide	000075218	proprietary
3	Monoethylamine	000075047	0.02
4	Poly(ethylene oxide)	025322683	100

OSHA (ACGIH) Exposure Limits

CAS#	IDLH	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
CAS#: 000075047	IDLH: 600						
OSHA		ACGIH	18	--	--	--	--
ACGIH		5	9.2	15	15	--	--
CAS#: 000075218	IDLH: 800						
OSHA		Not classifi	--	--	--	--	--
ACGIH		1	1.8	--	--	--	--
CAS#: 007664417	IDLH: 300						
OSHA		Not classifi	35	--	--	--	--
ACGIH		25	17	35	35	--	--
CAS#: 025322683	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Causes eye irritation.

Powdered material may form explosive dust-air mixtures.

Hazard Ratings:

These ratings are Polysciences' Inc. own assessments 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

Brush off the skin.

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.: no data

Method: no data

UEL: no data LEL: no data

Autoignition temperature, deg. F.: 536 F.

Flammability Classification: no data

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.

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:	(CH2CH2O)x	vapor pressure:	no data
Formula Weight:	no data	vapor density:	no data
boiling point:	no data	Specific gravity:	0
melting point:	143	ph:	no data
solubility:	no data	appearance:	white powder

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: LD50 oral rat >4 g/Kg
 Subchronic data: no data

Section 12: Ecological Information

Daphnia LC50 48 hr 7550 mg/L; Fathead minnow LC50 96 hr > 10000 mg/L

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
000075047	not listed	not listed
000075218	U115	Oxirane
007664417	not listed	not listed
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
000075047	no	no
000075218	Yes	000075218
007664417	no	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	MN	NJ	PA
000075047					

000075218	FL	MA	MI	MN	NJ	PA
WA						
007664417	FL	MA	MN	NJ	PA	WA
025322683	MN					

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.
000075047	not listed	not listed	not listed
000075218	Ethylene oxide	0.1	not listed
007664417	Ammonia (includes anhydrous ammonia and aqueous amm	1.0	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)
000075047	not listed	not listed	not listed
000075218	Ethylene oxide	1,000	10
007664417	Ammonia	500	100
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)
000075047	Not listed	Not listed
000075218	Not listed	Not listed
007664417	Not listed	Not listed
025322683	Not listed	Not listed

Section 16: Other Information

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END OF MSDS