

Material Safety Data Sheet Issue Date: 10/30/2003
Section 1: Chemical Product and Company Identification
Cat#: 23967

Part Name: POLYACRYLAMIDE
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-Propenamide, homopolymer	009003058	30
2	Acrylamide	000079061	0.001
3	Water	007732185	70

OSHA (ACGIH) Exposure Limits

CAS#	IDHL	ppm	TWA	mg/m3	ppm	STEL	mg/m3	CEILING	ppm	mg/m3
000079061	60 mg/m3									
	OSHA:	ACGIH;CAN	0.3	--	--	--	--	--	--	--
	ACGIH:	--	0.03	--	--	--	--	--	--	--
007732185	NE									
	OSHA:	NE	NE	NE	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE	NE	NE	NE
009003058	NE									
	OSHA:	NE	NE	NE	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	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

Flush eyes with flowing water for at least 15 minutes.

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

Flammability Classification: nap Flame Propagation Rate: 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.

Absorb liquids on absorbent material.

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. No special protection is indicated.

Section 9: Physical and Chemical Properties

Formula: (C3H5NO)x vapor pressure: as water
Formula Weight: no data vapor density: as water
boiling point: as water Specific gravity: 1.11
melting point: nap ph: 6.0-7.0
solubility: complete appearance: slightly hazy viscous liquid

Section 10: Stability and Reactivity

Section 11: Toxicological Information

Acute Data: LD50 oral rat >5 g/kg estimate; LD50 dermal rabbit >2 g/kg estimate; overexposure not expected to cause acute toxic effects.
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
000079061	U007	Acrylamide
007732185	not listed	not listed
009003058	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
000079061	Yes	no
007732185	no	no
009003058	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
000079061	FL	MA	MN	PA	WA
007732185	not listed				
009003058	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.
000079061	Acrylamide	0.1	not listed	
007732185	not listed	not listed	not listed	
009003058	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)
000079061	Acrylamide	1,000/10,000	5,000
007732185	not listed	not listed	not listed
009003058	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
000079061	Not listed	Not listed
007732185	Not listed	Not listed
009003058	Not listed	Not listed

Section 16: Other Information

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END OF MSDS