

# Material Safety Data Sheet

Issue Date: 6/4/2007

Page 1 of 3

## Section 1: Chemical Product and Company Identification

Cat#: 18608

Part Name: POLY (ACRYLIC ACID) SODIUM SALT MW3 000 (40% SOLIDS IN WATER)

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	Acrylic acid	000079107	0.2
2	Poly(acrylic acid) sodium salt	009003047	40
3	Water	007732185	60

## OSHA (ACGIH) Exposure Limits

CAS#	Name	IDLH	TWA		STEL		CEILING	
			ppm	mg/	ppm	mg/m3	ppm	mg/m3
000079107	Acrylic acid	--	ACGIH;NI	--	--	--	--	--
	OSHA		2	5.9	--	--	--	--
	ACGIH							
007732185	Poly(acrylic acid) sodium salt	NE	NE	NE	NE	NE	NE	NE
	OSHA		NE	NE	NE	NE	NE	NE
	ACGIH		NE	NE	NE	NE	NE	NE
009003047	Water	NE	NE	NE	NE	NE	NE	NE
	OSHA		NE	NE	NE	NE	NE	NE
	ACGIH		NE	NE	NE	NE	NE	NE

## Section 3: Hazards Identification

Causes skin and eye irritation.

Harmful if inhaled or swallowed.

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
1	0	0

## Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If breathing is difficult, contact emergency personnel.

Remove contaminated clothing.

Remove to fresh air.

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.: no data

Flammability Classification: no data

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.

Contain spilled liquids.

Protect personnel from exposure.

**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.

Use latex or equivalent gloves.

**Section 9: Physical and Chemical Properties**

Formula:	mixture	vapor pressure:	no data
Formula Weight:	mixture	vapor density:	no data
boiling point:	>212F	Specific gravity:	1.29
melting point:	no data	ph:	7.5 to 9.0
solubility:	complete	appearance:	amber colored aqueous solution

**Section 10: Stability and Reactivity**

Chemical Stabilit stable  
 Conditions to Avoid: no data  
 Incompatibility with other materials: strong oxidizers  
 Hazardous Decomposition Products: no data  
 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
000079107	U008	Acrylic acid
007732185	not listed	not listed
009003047	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
000079107	no	no
007732185	no	no
009003047	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
000079107						
007732185	not listed					
009003047	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.
------	----------------	--------------------	-------------

000079107	Acrylic acid	1.0	not listed
007732185	not listed	not listed	not listed
009003047	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)
000079107	not listed	not listed	not listed
007732185	not listed	not listed	not listed
009003047	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)
000079107	Not listed	Not listed
007732185	Not listed	Not listed
009003047	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 accuracy.

Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. POLYSCIENCES, INC. makes no representations or warranties, either expressed or implied of merchantability, fitness for particular purposes with respect to the information set forth herein or to which the information refers. Accordingly, POLYSCIENCES, INC. will not be responsible for damages resulting from the use of or reliance upon this information.

END OF MSDS