

Material Safety Data Sheet Issue Date: 10/30/2003

Section 1: Chemical Product and Company Identification

Cat#: 21170

Part Name: POLY(METHACRYLIC ACID) SODIUM SALT MW 15 000 30% SOLUTION 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	2-Propenoic acid, 2-methyl-, sodium salt, homopolymer	025086628	30
2	Formaldehyde	000050000	0.05
3	Water	007732185	70

OSHA (ACGIH) Exposure Limits

CAS#	IDHL	TWA		STEL		CEILING	
		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
000050000	20						
	OSHA:	Not	--	2/15 min	NE	--	--
	ACGIH:	--	--	--	0.3 c	0.37	
007732185	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE
025086628	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Causes eye irritation.

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
1	----- 0	----- 0

Section 4: First Aid Measures

Contact medical personnel.

Flush eyes with flowing water for at least 15 minutes.

If swallowed, give 8 oz. of water or milk to drink. Never give anything by mouth to an unconscious person.

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 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 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: (C4H6O2.Na)x vapor pressure: 17 mm Hg @ 68 F  
Formula Weight: nap vapor density: <1  
boiling point: 212 Specific gravity: 1.2  
melting point: 32 ph: 10  
solubility: dilutable appearance: clear yellow liquid

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 >5000 mg/Kg; LD50 dermal rabbit >2000 mg/Kg; LC50 inhalation rat >201 mg/L for 1 hr.  
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
007732185	not listed	not listed
025086628	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
007732185	no	no
025086628	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	PA	WA
000050000	FL	MA	MI	MN	PA	WA
007732185	not listed					
025086628	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.
000050000	Formaldehyde	0.1	not listed
007732185	not listed	not listed	not listed
025086628	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
007732185	not listed	not listed	not listed
025086628	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
007732185	Not listed	Not listed
025086628	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

