

Material Safety Data Sheet Issue Date: 11/06/02

Section 1: Chemical Product and Company Identification

Cat#: 24297

Part Name: Poly(Vinylphosphonic Acid), 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#	fraction in product
1	Phosphonic acid, ethenyl-, homopolymer	027754990	.3
2	Water	007732185	.7

OSHA (ACGIH) Exposure Limits

	TWA	STEL	CEILING				
	ppm	mg/m	ppm	mg/m3	ppm	mg/m3	
CAS#: 007732185			IDLH: NE				
OS	NE	NE	NE	NE	NE	NE	NE
ACGIH	NE	NE	NE	NE	NE	NE	NE
CAS#: 027754990			IDLH: NE				
OS	NE	NE	NE	NE	NE	NE	NE
ACGIH	NE	NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Harmful if absorbed through skin.

Harmful if swallowed.

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

Flush eyes with flowing water for at least 15 minutes.

If swallowed, NO NOT INDUCE vomiting. Give 8 oz. of water or milk to drink.

Call a physician or the POISON CONTROL CENTER immediately. Never give anything by mouth to an unconscious person.

Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Flash point, deg F.: >200 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.

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. Use chemical splash goggles and face shield.

Section 9: Physical and Chemical Properties

Formula: (C2H5O3P)x vapor pressure: no data
Formula Weight: no data vapor density: no data
boiling point: no data Specific gravity: 1.2
melting point: no data ph: <1.5
solubility: completely soluble appearance: viscous liquid, slight yellow color, sweet smell

Section 10: Stability and Reactivity

Chemical Stability: stable
Conditions to Avoid: freezing temperatures
Incompatibility with other materials: alkaline materials
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
007732185	not listed	not listed
027754990	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
007732185	no	no
027754990	no	no

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#

007732185 not listed

027754990 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.

007732185 not listed not listed not listed

027754990 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)

007732185 not listed not listed not listed

027754990 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)

007732185 Not listed Not listed

027754990 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.

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