

# Material Safety Data Sheet

Complies with EC no. 1907/2006  
Issue Date: 11/15/2013

## Section 1: Chemical Product and Company Identification

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Cat#: 16144  
Part Name: POLYMETHACRYLAMIDE  
Supplier: Polysciences, Inc.  
400 Valley Road  
Warrington, PA 18976 USA  
MSDS Telephone #215-343-6484 Emergency only #215-378-4526

Identified uses: Laboratory use, manufacture of substances

## Section 2: Hazards Identification

Hazard Overview

Low hazard for usual industrial or commercial handling.

GHS Classification

Non-Hazardous

Signal word: non-hazard

## Hazard and Precautionary Statements

H000 Low hazard for normal industrial use  
P305B IF IN EYES, Separate eyelids with finger tips.  
P335 Brush off loose particles from skin.  
P351 Rinse cautiously with water for several minutes.

## NFPA Rating

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	1	0

## Section 3: Composition/ Information on Ingredients

Note: Items listed with a CASRN... number have no CAS# available.

Item#	Name	EINECS	CAS#	% in product
1	Polymethacrylamide	Unknown	0025014124	95-100

## Section 4: First Aid Measures

Brush off the skin.

Flush eyes with flowing water for at least 15 minutes.

Separate eyelids with finger tips.

## Section 5: Fire Fighting Measures

Flash point, deg F.: no data

Method: no data

UEL: na

LEL: na

Autoignition temperature, deg. F.: na

Flammability Classification: na

Flame Propagation Rate: no data

Hazardous Combustion Products: nitrogen oxides

## 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

## OSHA (ACGIH) Exposure Limits

CAS#	IDLH	TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
0025014124	NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

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.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product.

Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product.

Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

### Section 9: Physical and Chemical Properties

Formula:	(C4H7NO)x	vapor pressure:	no data
Formula Weight:	no data	vapor density:	no data
boiling point:	no data	Specific gravity:	0
melting point:	no data	ph:	nap
solubility:	soluble	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: 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
0025014124	not listed	not listed

### Section 14: Transportation Data

Proper Shipping Name NOT REGULATED

Chemical Name

UN

Class

PG

### Section 15: Regulatory Information

This product contains a component which does not appear on the TSCA public inventory. It is manufactured or imported only in small quantities and solely for research and development.

All usage of this product must comply with 40 CFR 720.36.

This chemical substance must be used by, or directly under the supervision of, a technically qualified individual.

You must notify all persons who are engaged in experimentation, research, or analysis on the chemical substance, including the manufacture, possessing, use, transport, storage, and disposal of the substance of any known risk to health.

This product contains a component which does not appear on the TSCA public inventory. It is manufactured or imported only in small quantities and solely for research and development.

All usage of this product must comply with 40 CFR 720.36.

This chemical substance must be used by, or directly under the supervision of, a technically qualified individual.

You must notify all persons who are engaged in experimentation, research, or analysis on the chemical substance, including the manufacture, possessing, use, transport, storage, and disposal of the substance of any known risk to health.

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
0025014124	no	no

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

CAS#	
0025014124	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.
0025014124	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)
0025014124	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)
0025014124	Not listed	Not listed

**Section 16: Other Information**

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END OF MSDS