

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#: 15923A

Part Name: MONOMER B SOLUTION (LOWICRYL K4M)

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

Causes respiratory tract irritation.

Causes severe skin and eye burns.

Harmful if swallowed.

May be fatal if absorbed through skin.

May cause allergic skin reaction.

GHS Classification

Acute Toxicity Inhalation Category 5

Acute Toxicity Oral Category 4

Serious Eye Damage Cat 1C, Skin Corrosion Cat 1C, Eye Irritation Cat 2B

Skin Corrosion Category 1A

Skin Sensitizer Category 1B

Signal word: Danger



Hazard and Precautionary Statements

H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P280A	Wear protective gloves

OSHA		Not classifi	--	--	--	--	--
ACGIH			5	--	--	--	--
CAS#: 0000818611	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 0027813021	IDLH: 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.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

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.

Permiation 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:	no data	vapor pressure:	no data
Formula Weight:	no data	vapor density:	no data
boiling point:	> 246 C	Specific gravity:	1.026
melting point:	no data	ph:	no data
solubility:	10.6 g/l	appearance:	clear colorless liquid acrylic odor

Section 10: Stability and Reactivity

Chemical Stability stable

Conditions to Avoid: heat, UV light, free radical initiators

Incompatibility with other materials: oxidizing and reducing agents

Hazardous Decomposition Products: none

Hazardous Polymerization: may 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
0000142096	not listed	not listed
0000150765	not listed	not listed
0000818611	not listed	not listed
0027813021	not listed	not listed

Section 14: Transportation Data

Proper Shipping Name	TOXIC, LIQUIDS, ORGANIC, N.O.S.
Chemical Name	2-HYDROXYETHYL ACRYLATE
UN	UN2810
Class	6.1

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

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
0000142096	no	no
0000150765	no	no
0000818611	Yes	0000818611
0027813021	no	no

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

CAS#	
0000142096	not listed
0000150765	not listed
0000818611	not listed
0027813021	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.
0000142096	not listed	not listed	not listed
0000150765	not listed	not listed	not listed
0000818611	not listed	not listed	not listed
0027813021	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)
0000142096	not listed	not listed	not listed
0000150765	not listed	not listed	not listed
0000818611	not listed	not listed	not listed
0027813021	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)
0000142096	Not listed	Not listed
0000150765	Not listed	Not listed
0000818611	Not listed	Not listed
0027813021	Not listed	Not listed

Section 16: Other Information

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END OF MSDS