

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#: 23994
Part Name: MONOSTEP LOWICRYL HM20-NON POLAR EMBEDDING MEDIA
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 skin and eye irritation.
Flammable liquid and vapor.
May cause allergic skin reaction.
GHS Classification

Flammable Liquids Category 3

Skin Irritant Cat 2, Eye Irritation Cat 2B

Skin Sensitizer Category 1B

Signal word: Danger



Hazard and Precautionary Statements

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P280A Wear protective gloves
P285 In case of inadequate ventilation wear respiratory protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305B IF IN EYES, Separate eyelids with finger tips.
P315 Get immediate medical advice/attention.
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	3	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	2-Propenoic acid, 2-methyl-, 1,2-ethanediybis(oxy-2,1-ethanediy)ester	203-652-6	0000109160	6 - 10
2	2-Propenoic acid, 2-methyl-, ethyl ester	202-597-5	0000097632	71 - 80

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Section 9: Physical and Chemical Properties

Formula:	no data	vapor pressure:	21.3mbar
Formula Weight:	no data	vapor density:	>1
boiling point:	246	Specific gravity:	0.91
melting point:	-103 F	ph:	no data
solubility:	slight	appearance:	colorless liquid

Section 10: Stability and Reactivity

Chemical Stability stable
Conditions to Avoid: heat; ignition sources
Incompatibility with other materials: oxidizers; initiators
Hazardous Decomposition Products: none
Hazardous Polymerization: will not occur

Section 11: Toxicological Information

Acute Data: LD oral rat 13424 mg/kg; LD50 dermal rabbit >9100 mg/kg; LC50 inhalation rat 8300 ppm/4H
Subchronic data: Tests positive as mutagen on laboratory animals.

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
0000097632	U118	Ethyl methacrylate
0000109160	not listed	not listed
0000142096	not listed	not listed
0000150765	not listed	not listed
0003524627	not listed	not listed

Section 14: Transportation Data

Proper Shipping Name	RESIN SOLUTION
Chemical Name	
UN	UN1866
Class	3
PG	II

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
0000097632	no	no
0000109160	no	no
0000142096	no	no
0000150765	no	no
0003524627	no	no

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

CAS#	
0000097632	not listed
0000109160	not listed
0000142096	not listed
0000150765	

not listed

0003524627 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.
0000097632	not listed	not listed	not listed
0000109160	not listed	not listed	not listed
0000142096	not listed	not listed	not listed
0000150765	not listed	not listed	not listed
0003524627	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)
0000097632	not listed	not listed	not listed
0000109160	not listed	not listed	not listed
0000142096	not listed	not listed	not listed
0000150765	not listed	not listed	not listed
0003524627	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)
0000097632	Not listed	Not listed
0000097632	2-Propenoic acid, 2-methyl-, ethyl ester	1,000
0000097632	Ethyl methacrylate	1,000
0000109160	Not listed	Not listed
0000142096	Not listed	Not listed
0000150765	Not listed	Not listed
0003524627	Not listed	Not listed

Section 16: Other Information

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END OF MSDS