

Material Safety Data Sheet

Issue Date: 11/28/2006

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Section 1: Chemical Product and Company Identification

Cat#: 17411

Part Name: LR WHITE (DS #305A-INSTRUCTIONS)

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-Hydroxyethyl methacrylate	000868779	58
2	Benzoyl peroxide	000094360	1.3
3	Dibutyl phthalate	000084742	0.8
4	Dodecyl methacrylate	000142905	32
5	Tetrahydrofurfuryl methacrylate	002455245	9.5

OSHA (ACGIH) Exposure Limits

		TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
CAS#: 000084742	IDLH: 4,000 mg/m3						
OSHA		Not classifi	5	--	--	--	--
ACGIH		--	5	--	--	--	--
CAS#: 000094360	IDLH: 1,500 mg/m3						
OSHA		Not classifi	5	--	--	--	--
ACGIH		--	5	--	--	--	--
CAS#: 000142905	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 000868779	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 002455245	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Causes skin and 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	1	0

Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If breathing is difficult, contact emergency personnel.

If swallowed, do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.

If swallowed, wash out mouth with water if person is conscious.

Remove contaminated clothing.

Remove to fresh air.

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: nav

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.

Absorb liquids on absorbent material.

Contain spilled liquids.

Protect personnel from exposure.

Use appropriate personal protective equipment.

Section 7: Handling and Storage

Store at room temp

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:	mixture	vapor pressure:	no data
Formula Weight:	nap	vapor density:	no data
boiling point:	no data	Specific gravity:	0.9785
melting point:	no data	ph:	no data
solubility:	suspendable in water, 4.0	appearance:	slightly viscous colorless liquid acrylic odor

Section 10: Stability and Reactivity

Chemical Stability: stable

Conditions to Avoid: heat

Incompatibility with other materials: polymerization initiators, acids, aluminum, lead, strong oxidizing agents

Hazardous Decomposition Products: no data

Hazardous Polymerization: may occur

Section 11: Toxicological Information

Acute Data: LD 50 oral rat >3000 mg/kg
LD50 percutaneous rabbit >3000 mg/kg

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
000084742	U069	Dibutyl phthalate
000094360	not listed	not listed
000142905	not listed	not listed
000868779	not listed	not listed
002455245	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 identifies items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
000084742	no	no
000094360	no	no

000142905	no	no
000868779	no	no
002455245	no	no

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

CAS#						
000084742	FL	MA	MI	MN	NJ	PA
WA						
000094360	FL	MA	MN	NJ	PA	WA
000142905	not listed					
000868779	not listed					
002455245	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.
000084742	Dibutyl phthalate	1.0	not listed
000094360	Benzoyl peroxide	1.0	not listed
000142905	not listed	not listed	not listed
000868779	not listed	not listed	not listed
002455245	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)
000084742	not listed	not listed	not listed
000094360	not listed	not listed	not listed
000142905	not listed	not listed	not listed
000868779	not listed	not listed	not listed
002455245	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)
000084742	Not listed	Not listed
000094360	Not listed	Not listed
000142905	Not listed	Not listed
000868779	Not listed	Not listed
002455245	Not listed	Not listed

Section 16: Other Information

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END OF MSDS