

Section 1: Chemical Product and Company Identification

Cat#: 02487
 Part Name: 2- METHOXYETHYL ACRYLATE
 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-Propenoic acid, 2-methoxyethyl ester	003121617	100
2	4-Methoxyphenol	000150765	0.001

OSHA (ACGIH) Exposure Limits

CAS#	IDHL	TWA		STEL		CEILING	
		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
000150765	--						
	OSHA:	Not	--	--	--	--	--
	ACGIH:	--	5	--	--	--	--
003121617	NE						
	OSHA:	NE	NE	NE	NE	NE	NE
	ACGIH:	NE	NE	NE	NE	NE	NE

Section 3: Hazards Identification

Causes eye irritation.
 Causes skin irritation.
 Combustible.
 Harmful if inhaled.
 Harmful if swallowed.
 May cause adverse reproductive effects.
 Toxic if absorbed through skin.
 Toxic to fish and other water organisms.

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
3	----- 2	----- 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, 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.
 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.: 140 Method: no data
 UEL: no data LEL: 1.6 vol % Autoignition temperature, deg. F.: 402 C
 Flammability Classification: no data Flame Propagation Rate: no data

Hazardous Combustion Products: carbon dioxide

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.

Prevent contact with combustible materials.

Protect personnel from exposure.

Remove ignition sources.

Ventilate the area.

Section 7: Handling and Storage

Keep away from heat and flame.

Keep away from heat, sparks, and flame. Keep away from sources of ignition.

Store at 4 deg. C.

Store in a tightly closed container.

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

Section 9: Physical and Chemical Properties

Formula: $C_6H_{10}O_3$ vapor pressure: 3 mbar @ 20 C

Formula Weight: 130.2 vapor density: no data

boiling point: 66-67 C/16 mm Specific gravity: 1.008

melting point: <-30 C ph: no data

solubility: 116 g/L @ 20 C appearance: colorless liquid, ester type odor

Section 10: Stability and Reactivity

Chemical Stability: stabilized with 4-methoxyphenol

Conditions to Avoid: high temperatures, flames and sparks. Direct sunlight or other strong light.

Incompatibility with other materials: Oxidizing agents. Strong reducing agents. Peroxides and other free-radical initiators Hazardous Decomposition

Products: carbon monoxide

Hazardous Polymerization: may occur

Section 11: Toxicological Information

Acute Data: LD50 oral-rat: 816 mg/kg

LD50 skn-rbt 250 mg/kg

LC50 ihl-rat 500 ppm/4H (2.7 mg/L/4H)

Subchronic data: No data

Section 12: Ecological Information

Expected to be slow to biodegrade in soil and water. Expected to be toxic to aquatic organisms.

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
000150765	not listed	not listed
003121617	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
000150765	no	no
003121617	no	no

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

CAS#	FL	MA	MN	PA	WA
000150765					
003121617	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.
000150765	not listed	not listed	not listed
003121617	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)
000150765	not listed	not listed	not listed
003121617	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
000150765	Not listed	Not listed
003121617	Not listed	Not listed

Section 16: Other Information

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END OF MSDS