



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. PP305
Effective Date April 14, 1998

SECTION V HEALTH HAZARD DATA

PP305

Threshold Limited Value

Environmental exposure level is 10 mg/m³. LD50: orl-rat: >30 g/kg. ,
LD50: skin-rbt: >20 g/kg. RTECS No. TQ3675000

Effects of Overexposure

EYES: May cause slight transient irritation. **SKIN:** May cause severe response if skin is abraded. **INGESTION:** Oral toxicity is low.
INHALATION: Vapors are unlikely at room temperature due to physical properties. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation develops or persists, get medical attention. **SKIN:** Flush with soap and water. **INGESTION:** Treat symptomatically and supportively, get medical attention. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid)	Oxidizing material, concentrated mineral acids.
--------------------------------------	---

Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.
----------------------------------	----------------------------------

Hazardous Polymerization		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Should not be left on floor - makes it slippery. Soak up with absorbent materials. Scoop into suitable container for proper disposal.
---	---

Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Salvage or burn in an approved incinerator in accordance with all federal, state and local requirements.
-----------------------	--

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator.		
Ventilation	Local Exhaust	Recommended.	Special No.
	Mechanical (General)	Recommended.	Other No.
Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.

Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves.
----------------------------	---

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in cool place. Wash thoroughly after handling. Product degrades slowly when stored at elevated temperatures in presence of air. Degradation occurs rapidly at temperatures approaching flash point.
---	---

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
-------------------	---

Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	No. 1	Date	4/14/98	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
----------	-------	------	---------	----------	-----------------	-----------------------------	----

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	POLYETHYLENE GLYCOL E-400	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	Health	0
Chemical Synonyms	Polyglycol E-400		Fire	0
Formula	H(OCH ₂ CH ₂) _x OH		Reactivity	0
Unit Size	up to 180 Kg.		HMIS *	
C.A.S. No.	25322-68-3			

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Polyethylene Glycol	>99%	See Section V.

USE IN KEEPING WITH GOOD LABORATORY PRACTICES.

SECTION III PHYSICAL DATA

Melting Point (°F)	4°-8°C (39°-46°F)	Specific Gravity (H ₂ O = 1)	1.12 @ 25/25°C
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Not applicable.
Vapor Pressure (mm Hg)	Low.	Evaporation Rate (----- =1)	Not applicable.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Completely miscible.		
Appearance & Odor	Clear colorless liquid; characteristic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	>232°C (>450°F) PMCC	Flammable Limits in Air % by Volume	N/A	Lower	Upper
				-----	-----
Extinguisher Media	Water fog; alcohol foam; dry chemical.				

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSHA/MSHA approved positive pressure, self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Information not available.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20