



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. TT 37
Effective Date May 21, 1999

SECTION V HEALTH HAZARD DATA

TT 37

Threshold Limited Value

None established by ACGIH.

Effects of Overexposure

INGESTION: May cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration may occur resulting in lung injury. **EYES:** Causes severe irritation, pain, and chemical burns. **SKIN:** Prolonged or repeated contact may cause discomfort, dermatitis, and local redness. **INHALATION:** Mist may cause irritation of the respiratory tract, with chest pain and coughing.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Wash with soap and water. If irritation develops or persists, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** If swallowed, do NOT induce vomiting. If conscious, give water or milk to drink. Get medical attention. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	Excessive temperature and heat.

Incompatibility (Materials to Avoid)	Strong bases, acids, oxidizing materials reactive with hydroxyl compounds.
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Hazardous Decomposition Products	May produce carbon dioxide/monoxide.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Wearing suitable protective clothing, contain spills with inert dry material (sand, earth), place in suitable container for proper disposal. To avoid gelling and foaming, do not use water to flush away spills. Avoid discharge to natural water ways and streams.
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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.
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Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal agency.

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 dust mask or respirator.
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	PVC-coated.	Eye Protection	Chemical safety goggles.
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Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves, ventilation hood, and safety shower.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Spills may cause floors to be slippery. Store in a cool, dry place away from incompatible substances. Wash thoroughly after handling.
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Keep container tightly closed when not in use.

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. Do not get in eyes, on skin or on clothing. Use with adequate ventilation. Remove and wash contaminated clothing.
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For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	No. 2	Date	5/21/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
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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	TERGITOL NP-10®
Chemical Synonyms	Alkylphenol-hydroxypolyoxyethylene
Formula	C ₃₅ H ₆₄ O ₁₁
Unit Size	up to 5 gal.
C.A.S. No.	Mixture

CHEMTREC
800-424-9300
Day 716-226-6177

NFPA
HAZARD RATING

LEAST	SLIGHT	MODERATE	HIGH	EXTREME
0	1	2	3	4

HMIS *
Health 2
Fire 0
Reactivity 0

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Nonylphenol Ethoxylate: CAS No. 127087-87-0	>97	None established.
Polyethylene Glycol: CAS No. 25322-68-3	< 3	None established
Dinonylphenol Ethoxylate: CAS No. 9014-93-1	< 2	None established

WARNING! MAY CAUSE IRRITATION. HARMFUL IF SWALLOWED.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezing point 6.1°C (43°F)	Specific Gravity (H ₂ O = 1)	1.0622 @ 20/20°C
Boiling Point (°F)	Dec. > 250° (> 482°F)	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	> 0.01 @ 20°C	Evaporation Rate (Butyl Acet. = 1)	< 0.01
Vapor Density (Air=1)	> 1		
Solubility in Water	Miscible gel forms at some wt %.		
Appearance & Odor	Murky liquid; mild odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	197°C (387°F) CC ASTM D 93 Pensky-Martens.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media	Water spray (fog), alcohol-type foams for large fires. Carbon dioxide CO ₂ or dry chemical for small fires.
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SPECIAL FIREFIGHTING PROCEDURES

Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity. Wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

May produce a floating fire hazard. May produce hazardous decomposition products.

D.O.T. Non-Regulated.

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