



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. TT 35  
Effective Date May 21, 1999

## SECTION V HEALTH HAZARD DATA

### Threshold Limited Value

None established ACGIH (1992-93).  
Toxicity data: orl-rat LD50: 5170 mg/kg.

### Effects of Overexposure

Target organs affected: Central nervous system. May be irritating to the skin and eyes. Vapor is irritating to the throat and lungs. Vapors may be irritating to the upper respiratory tract. Ingestion may cause severe gastrointestinal tract irritation. Aspiration may cause pulmonary edema and chemical pneumonitis.

### Emergency and First Aid Procedures

**EYES:** Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush with soap and water. If irritation develops or persists, get medical attention. **INGESTION:** If conscious, rinse mouth with water. Get medical attention. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## SECTION VI REACTIVITY DATA

Stability	Unstable	Stable	Conditions to Avoid	Excessive temperature, heat, sparks or flame.
		X		

Incompatibility (Materials to Avoid)	Strong oxidizing agents.
--------------------------------------	--------------------------

Hazardous Decomposition Products	May release acrid smoke and irritating fumes.
----------------------------------	---

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

## SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled	Remove all sources of ignition. Ventilate area. Absorb spill in vermiculite, sand, earth, paper towel, then place into a suitable container for proper disposal. Wash spill area with soap and water. Do not allow wash water to pollute water ways and streams.
---	--

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.
-----------------------	--

Dispose of in an approved chemical landfill or contract with a licensed waste disposal service.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	Local exhaust ventilation required. Use a NIOSH/MSHA-approved respirator. Do not use in confined areas.
---------------------------------------	---

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety goggles.
-------------------	---------	----------------	--------------------------

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

## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Do not store or use near heat or flame. Protect from light. Store in a cool, dry area. Wash thoroughly after handling.
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.
-------------------	---

Avoid contact with eyes, skin or clothing. Do not breathe vapors. Use adequate ventilation. Remove and wash contaminated clothing.

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
----------	-------	------	---------	----------	-----------------	-----------------------------	----

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	ALPHA-TERPINEOL
Chemical Synonyms	Terpineol
Formula	C <sub>10</sub> H <sub>18</sub> O
Unit Size	up to 5 gal.
C.A.S. No.	98-55-5

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

NFPA  
HAZARD RATING  
LEAST SLIGHT MODERATE HIGH EXTREME  
0 1 2 3 4

HMIS \*  
0 1 2 3 4

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Terpineol	100%	None established.

WARNING! COMBUSTIBLE LIQUID.	
MAY CAUSE IRRITATION.	

## SECTION III PHYSICAL DATA

Melting Point (°F)	approx. 34°C (93°F)	Specific Gravity (H <sub>2</sub> O = 1)	0.930 - 0.940
Boiling Point (°F)	218°C (424°F)	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	0.048 @ 25°C	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	5.3		
Solubility in Water	Slightly soluble.		
Appearance & Odor	Colorless viscous liquid; lilac-like odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	90 - 93°C (194 - 200°F) COC	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Dry chemical, carbon dioxide, water spray or foam.				

## SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, use water spray to keep fire exposed containers cool. Wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 128)

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Moderate fire hazard when exposed to heat or flame. Vapors are heavier than air and may travel considerable distance to source of ignition and flash back.

D.O.T. Combustible liquid, n.o.s., (Alpha-Terpineol), combustible liquid, NA 1993, PG III

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