



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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

MSDS No. PP 65  
Effective Date May 4, 1998

## SECTION V HEALTH HAZARD DATA

PP 65

**Threshold Limited Value** Ethyl alcohol TWA: 1000ppm, 1880mg/m<sup>3</sup>. None established for this product.

**Effects of Overexposure** High concentrations may upset GI tract. May cause sore throat, dizziness, breathing difficulties. May cause skin irritation or temporary rash. May cause eye irritation upon direct contact.

**Emergency and First Aid Procedures**  
**INGESTION:** Do NOT give anything by mouth to an unconscious or very drowsy person. If conscious, have victim drink several glasses of water. Call physician or Poison Control Center immediately. Induce vomiting if advised by physician or Poison Control Center. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Obtain medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature and heat.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong oxidizing agents, acids, bases.

**Hazardous Decomposition Products** Smoke and oxides of Carbon.

<b>Hazardous Polymerization</b>		<b>Conditions to Avoid</b>
<b>May Occur</b>	<b>Will Not Occur</b>	
	X	Not applicable

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Ventilate area of spill. Absorb with inert dry, material. Scoop up and place in appropriate container for disposal. Wash spill area with soap and water.

**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 accordance with federal, state and local regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** If misty conditions prevail wear a NIOSH/MSHA approved vapor mask with filter for organic mist or vapor.

<b>Ventilation</b>	<b>Local Exhaust</b>	Recommended.	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Recommended.	<b>Other</b>	No.

**Protective Gloves** Rubber. **Eye Protection** Chemical safety glasses.

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

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry area, away from ignition sources. 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. Do not take internally. Use with adequate ventilation. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing.

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

<b>Revision</b> No. 1	<b>Date</b> 5/4/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> 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

<b>Product</b>	Peppermint Extract	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>3</td> </tr> <tr> <td>Fire</td> <td>4</td> </tr> <tr> <td>Reactivity</td> <td>2</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	3	Fire	4	Reactivity	2
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	3																	
Fire	4																	
Reactivity	2																	
<b>Chemical Synonyms</b>	N/A																	
<b>Formula</b>	Mixture																	
<b>Unit Size</b>	Up to 4 Lt.																	
<b>C.A.S. No.</b>	Mixture																	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Peppermint oil: (CAS No. 8006-90-4)	< 30%	None established.
*Ethyl alcohol: (CAS No. 64-17-5)	> 70%	1000 ppm

**DANGER! FLAMMABLE! MAY BE HARMFUL IF SWALLOWED.**

**AVOID BREATHING VAPOR.**

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	-113°C (-173°F) *	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.81 - 0.83
<b>Boiling Point (°F)</b>	75-80°C (163-174°F) *	<b>Percent Volatile by Volume (%)</b>	100%
<b>Vapor Pressure (mm Hg)</b>	Ca 44.6 @ 68°F *	<b>Evaporation Rate (Butyl Acetate = 1)</b>	4.1
<b>Vapor Density (Air=1)</b>	Ca 1.59 *		
<b>Solubility in Water</b>	Complete.		
<b>Appearance &amp; Odor</b>	Clear, colorless liquid; pleasant peppermint odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	21°C (70°F)	<b>Flammable Limits in Air % by Volume</b>	Lower	Upper
		Pure Ethyl Alc.	3.3	19.0

**Extinguisher Media** Dry chemical, CO<sub>2</sub>, Water spray.

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Product will burn under fire conditions. Can react vigorously with oxidizing materials.

D.O.T. **FLAMMABLE LIQUID, N.O.S., (ETHYL ALCOHOL), 3, UN 1993, PG II**

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