



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. PP 60
Effective Date April 8, 1999

SECTION V HEALTH HAZARD DATA

PP 60

Threshold Limited Value

None established. (ACGIH 1992-93).

Effects of Overexposure

INHALATION: May be moderate irritant to mucous membranes. **EYES:** Irritant to eyes on contact. **SKIN:** May be moderate irritant. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **EYES:** Flush with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation persists, get medical attention. **SKIN:** Flush with water, then wash with mild soap and water. If burned by hot oil, get medical attention. **INGESTION:** Treat symptomatically and supportively. Get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Strong oxidants.
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Hazardous Decomposition Products	Combustion will produce smoke, carbon dioxide and probably carbon monoxide.
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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	Absorb material with an inert dry material and place in suitable container for incineration. Wash spill area with soap and water.
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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. Dispose of in an approved incinerator or contract with a licensed chemical waste disposal agency.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory handling at room temperatures. If necessary work in ventilation hood using a NIOSH/MSHA approved respirator.			
Ventilation	Local Exhaust	Yes.	Special	No.
	Mechanical (General)	Not needed.	Other	No.
Protective Gloves	Rubber.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Smock, apron, eye wash station, ventilation hood, proper gloves, fire extinguisher.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from heat, flame or oxidizing materials. 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 exposure to excessive heat and light. 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. 5	Date 4/8/99	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	PEPPERMINT OIL	<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>1</td> </tr> <tr> <td>Fire</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	1	Fire	1	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	1																	
Fire	1																	
Reactivity	0																	
Chemical Synonyms	Oil of Peppermint, Essential Oil.																	
Formula	Natural Product (not known).																	
Unit Size	up to 500 mL.																	
C.A.S. No.	8006-90-4																	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Peppermint Oil	100%	None established.
NOT A HAZARDOUS MATERIAL AT ROOM TEMPERATURE. STORE AWAY		
FROM FIRE HAZARDS AND STRONG OXIDIZING MATERIALS. COMBUSTIBLE.		

SECTION III PHYSICAL DATA

Melting Point (°F)	Data not available.	Specific Gravity (H ₂ O = 1)	0.896-0.908
Boiling Point (°F)	82-93°C (180-200°F)	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	20 mm Hg @ 23°C.	Evaporation Rate (Butyl Acetate = 1)	1
Vapor Density (Air=1)	Data not available.		
Solubility in Water	Very slightly soluble.		
Appearance & Odor	Clear, colorless to pale yellow liquid; strong aromatic odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	65-68°C (150-155°F) (TCC)	Flammable Limits in Air % by Volume	Unknown	Lower	Upper
Extinguisher Media	Dry chemical (ABC); carbon dioxide (CO ₂); water spray or fog; foam.				

SPECIAL FIREFIGHTING PROCEDURES

USE WATER WITH CAUTION! Since this material is lighter than water and insoluble in water, the fire could easily be spread by the use of water in an area where the water would not be contained. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

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