



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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(716) 226-6177

MSDS No. MM 520  
Effective Date March 31, 1999

## SECTION V HEALTH HAZARD DATA

MM 520

### Threshold Limited Value

None established by (ACGIH 1992-93).  
Toxicity data; Oral rat LD50: 887 mg/kg; Oral-man LDLO 101 mg/kg.

### Effects of Overexposure

**TARGET ORGANS AFFECTED:** Kidneys, central nervous system. Accidental acute poisoning is not uncommon. Kidney irritation, vomiting and convulsions occur.  
**INGESTION:** Of relatively small amounts may cause severe poisoning and death (average lethal dose: 10 mL. in children, 30 mL. in adults). Symptoms of poisoning: nausea, vomiting, acidosis, pulmonary edema, pneumonia, convulsions, death. **EYES AND SKIN:** Can cause severe irritation. May be absorbed through skin in toxic amounts.

### Emergency and First Aid Procedures

**INGESTION:** If swallowed, if conscious, give several glasses of water to drink. Induce vomiting and call physician. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation persists, get medical attention. **SKIN:** Wash with soap and water. **INHALATION:** Remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Strong oxidizers, acids, alkalies.
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Hazardous Decomposition Products	Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.
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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	Ventilate area. Wearing suitable protective clothing, absorb spilled material with an inert dry material and place in a suitable container for disposal. 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 waste disposal agency.

## SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		Work in ventilation hood. If necessary wear a NIOSH/MSHA-approved respirator for organic materials.			
Ventilation	Local Exhaust	Recommended.	Special	No.	
	Mechanical (General)	Recommended.	Other	No.	
Protective Gloves		Rubber.		Eye Protection	Chemical safety glasses.

Other Protective Equipment	Goggles, smock, apron, proper gloves, eye wash station, fire extinguisher.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place away from oxidizing materials and fire hazards. 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.

Practice reasonable care to avoid eye and skin contact and to avoid inhalation of vapors, if generated. Remove and wash contaminated clothing.

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

Revision	No. 5	Date	3/31/99	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	METHYL SALICYLATE
Chemical Synonyms	Oil of Wintergreen, Synthetic
Formula	$\text{HOC}_6\text{H}_4\text{COOCH}_3$
Unit Size	up to 3.785 Lt.
C.A.S. No.	119-36-8

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1  
0

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

NFPA  
HAZARD RATING

LEAST SLIGHT MODERATE  
0 1 2

Health  
Fire  
Reactivity

1  
1  
0

HMIS \*

HIGH EXTREME  
3 4

## SECTION II INGREDIENTS OF MIXTURES

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

**WARNING! MAY BE HARMFUL IF SWALLOWED.**

**CAUSES SKIN AND EYE IRRITATION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Freezing pt. -8.6°C (17°F)	Specific Gravity ( $\text{H}_2\text{O} = 1$ )	1.180-1.185 at 20.2°/4°C
Boiling Point (°F)	214-224°C (426-435°F)	Percent Volatile by Volume (%)	100%
Vapor Pressure (mm Hg)	1 mm at 54.0°C	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	5.24		
Solubility in Water	0.08 grams per 100 mL. water at 20°C.		
Appearance & Odor	Colorless, yellowish or reddish, oily liquid; wintergreen odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

SECTION 9 - FIRE AND FLUOROCARBON HAZARD DATA				
Flash Point (Method Used)	101°C (214°F) (C.C.)	Flammable Limits in Air % by Volume    None listed	Lower	Upper
Extinguisher Media	Water fog; foam; carbon dioxide (CO <sub>2</sub> ); dry chemical.			

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Autoignition Temperature: 850°F (454°C).

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Slight fire hazard when exposed to heat or flame; can react with oxidizing materials.

Spontaneous Heating: No.

D.O.T. NON-REGULATED.

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