



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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(716) 226-6177

MSDS No. MM 600
Effective Date April 1, 1999

SECTION V HEALTH HAZARD DATA

MM 600

Threshold Limited Value

OSHA Regulation 28CFR 1910.1000; TWA: 5 mg/m³ for oil mist in air.
None listed ACGIH 1992-93.

Effects of Overexposure

Not a carcinogen as per OSHA, IARC standards. This product is judged neither "corrosive" or an "irritant" by OSHA criteria. **SKIN:** Prolonged or repeated contact cause dermatitis (skin irritation). **EYES:** May cause irritation. **INGESTION:** Product has a low order of acute oral or dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Emergency and First Aid Procedures

EYES: If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, get medical attention. **SKIN:** If case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. **INGESTION:** Do NOT induce vomiting; call physician immediately. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Keep away from strong oxidizers such as hydrogen peroxide, bromine and chromic acid.
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Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, oxides of phosphorous and sulfur oxides from burning.
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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	Recover free product. Absorb residue with an inert material such as sand, earth, vermiculite or other suitable absorbent. Wash spill area with soap and water. Keep product out of sewers and water courses. 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.
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Dispose of in an approved incinerator or submit to local gas service station.

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 respirator.
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Ventilation	Local Exhaust	Yes if misty or heated.	Special	No.
	Mechanical (General)	Yes if misty or heated.	Other	Adequate to maintain below exposure limit.

Protective Gloves	Neoprene type.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves and fire extinguisher.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Do not handle or store at temperatures above 38°C (100°F). Use product with caution around heat, sparks, pilot lights, static electricity and open flame. Wash thoroughly after handling.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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Minimize breathing vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse.

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

Revision No. 3	Date 4/1/99	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	MOTOR OIL, SAE 30
Chemical Synonyms	Petroleum Lubricating Oil
Formula	Complex mixture.
Unit Size	120 mL. (4 oz.)
C.A.S. No.	Not applicable.

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CHEMTREC
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Day 716-226-6177

NFPA
HAZARD RATING

LEAST SLIGHT MODERATE
0 1 2

Health
Fire
Reactivity

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HMIS *
HIGH EXTREME

3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Hydrocarbon oil: (CAS No. 8020-83-5)	Approx. 90%	See Section V.
Proprietary Additive (Mixture)	>10%	

CAUTION! Contact with skin and eyes may cause irritation.

SECTION III PHYSICAL DATA

Melting Point (°F)	< -12°C (10°F)	Specific Gravity (H ₂ O = 1)	.86 - .89
Boiling Point (°F)	330°C (625°F)	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	0 at 20°C	Evaporation Rate (n-Butyl Acetate=1)	N/A
Vapor Density (Air=1)	Not volatile.		
Solubility in Water	0% at 20°C		
Appearance & Odor	Clear, dark amber liquid; mild, bland petroleum odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	> 190°C (380°F) COC	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Dry chemical, water fog, CO ₂ or foam.				

SPECIAL FIREFIGHTING PROCEDURES

Do not use water, except as fog. Water or foam may cause frothing. Closed containers exposed to fire may be cooled with water. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapors, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Autoignition Temperature: Greater than 260°C (500°F)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Decomposition products under fire conditions: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion. Reacts violently with strong oxidizers.

D.O.T. NON-REGULATED.

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