



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. MM 390
Effective Date May 13, 1999

SECTION V HEALTH HAZARD DATA

MM 390

Threshold Limited Value

Isopropyl alcohol: STEL: 500 ppm; 1230 mg/m³.
Salicylic Acid: Toxicity. Oral rabbit LD₅₀ 1300 mg/kg.

Effects of Overexposure

INGESTION: May cause gastrointestinal irritation. **SKIN:** May cause mild irritation. **EYES:** May cause irritation to eyes on contact.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. If irritation develops or persists, get medical attention.
SKIN: Wash with mild soap and water. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.
INHALATION: If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Heat and/or excessive temperatures.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizing agents.
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Hazardous Decomposition Products	Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide.
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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
CAUTION! Spill area may become slippery when wet with water. Vacuum or sweep material into an appropriately marked container for reclamation or disposal. Avoid excessive generation of dust. 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.
Uncontaminated material may be disposed of in a sanitary landfill or dispose of in an approved incinerator.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)		None needed.			
Ventilation	Local Exhaust	None needed.	Special	No.	
	Mechanical (General)	None needed.	Other	No.	
Protective Gloves		None needed.		Eye Protection	None should be needed.

Other Protective Equipment
Lab coat, eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing
Store in a cool, dry place.
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.

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 5/13/99	Approved Michael Raszeja	Chemical Safety Coordinator MR
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SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	METHYL CELLULOSE, (a) SOLUTION, (b) PASTE	 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
Chemical Synonyms	Methyl Cellulose Solution And Paste	
Formula	Mixture	
Unit Size	up to 500 mL.	
C.A.S. No.	9004-67-5	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Methyl Cellulose (a) Solution	1.5%	None established.
Water Mixtures (b) Paste	4.5%	None established.
Isopropyl Alcohol: (CAS No. 67-63-0)	18.5%	TWA: 400 ppm; 983 mg/m ³
Salicylic Acid: (CAS No. 69-72-7) as preservative	0.10%	None established.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes at 0°C (32°F) (water)	Specific Gravity (H ₂ O = 1)	Approx. 1.0
Boiling Point (°F)	Approx. 100°C (212°F) (water)	Percent Volatile by Volume (%)	(a) 98.5% (b) 90%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Forms viscous dispersion.		
Appearance & Odor	(a) Thick viscous, clear liquid (b) Clear paste; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Water spray; carbon dioxide (CO ₂); dry chemical.				

SPECIAL FIREFIGHTING PROCEDURES

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

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