



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. HH 75  
Effective Date March 5, 1999

## SECTION V HEALTH HAZARD DATA

HH 75

### Threshold Limited Value

None established for this product. Methyl Alcohol: OSHA PEL 200 ppm / ACGIH (TLV) 200 ppm; STEL 250 ppm. Toxicity data: (See bottom of page \*)

### Effects of Overexposure

**SKIN:** May cause irritation on prolonged contact. **EYES:** Strong irritant on contact. **INHALATION:** May cause irritation to mucous membranes if inhaled as mist. **INGESTION:** May be harmful if swallowed. To the best of our knowledge, the chemical, physical and toxicological properties of this mixture have not been thoroughly investigated.

### Emergency and First Aid Procedures

**EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air, treat symptomatically, and get medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and induce vomiting. If vomiting should occur involuntarily, keep head lower than hips to prevent aspiration. Get medical attention. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	X None known.

Incompatibility (Materials to Avoid)	Strong oxidizing materials.
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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	Flush to sewer with copious amounts of water. 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.  Humectant spray may be diluted 10:1 and discharged to a sanitary sewer if local regulations permit, or contract with a licensed waste disposal agency.
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## 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	Recommended.	Special	No.
	Mechanical (General)	Misty conditions.	Other	No.

Protective Gloves	Rubber for prolonged exposure.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Smock, apron, proper gloves, ventilation hood, eye wash station.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool place away from strong oxidizing agents. Avoid eye and skin contact. Do not ingest. Avoid inhalation of spray or mists. Wash thoroughly after handling. Remove and wash contaminated clothing.
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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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\* Propylene Glycol: Ingestion LD50: (Rat) 20 mg/kg; I (Skin H) 500 mg/7 day.  
Sorbitol: Ingestion LD50: (Rat) 16 g/kg (Mouse) 23 g/kg.  
Sodium Lauryl Sulfate: Ingestion LD50: (Rat) 1288 mg/kg (Skin R) 50 mg/24 H.S.

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

Revision	No. 4	Date	3/5/99	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	HUMECTANT SOLUTION
Chemical Synonyms	Solution To Prevent Tissue Dehydration.
Formula	Mixture *
Unit Size	up to 3.8 Lt.
C.A.S. No.	Mixture

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

NFPA HAZARD RATING  
LEAST SLIGHT MODERATE HIGH EXTREME  
0 1 2 3 4

Health	2
Fire	1
Reactivity	0

HMIS \*  
3 4

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Contains: Propylene Glycol: (CAS No. 57-55-6)	10%	None established.
Methyl Alcohol: (CAS No. 67-56-1)	1%	200 ppm PEL (OSHA) 200 ppm TLV (ACGIH)

CAUTION! MAY BE HARMFUL IF SWALLOWED. CAUSES	
IRRITATION TO EYES AND MUCOUS MEMBRANES ON CONTACT.	

## SECTION III PHYSICAL DATA

Melting Point (°F)	Data not available.	Specific Gravity (H <sub>2</sub> O = 1)	Approx. 1.0
Boiling Point (°F)	>187°C (368°F)	Percent Volatile by Volume (%)	Approx. 99%
Vapor Pressure (mm Hg)	>0.08	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	>2.62		
Solubility in Water	Infinitely soluble.		
Appearance & Odor	Clear, mobile fluid; slight alcoholic odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable NA.	Flammable Limits in Air % by Volume	NA	Lower	-----	Upper	-----
Extinguisher Media	Use any means suitable for extinguishing supporting fire.						

### SPECIAL FIREFIGHTING PROCEDURES

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

\* Sorbitol: (CAS No. 50-70-4) - 3%  
Sodium Lauryl Sulfate: (CAS No. 151-21-3) - trace  
Water: (CAS No. 7732-18-5) - 85%  
Proprietary Ingredients - 0.9%

### UNUSUAL FIRE AND EXPLOSION HAZARDS

In fire conditions resulting in the evaporation of the water of solution hazardous decomposition products may be produced as dust or fume. Resulting residue can react with oxidizing materials.

D.O.T. NON-REGULATED.

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