



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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MSDS No. HH 66
Effective Date March 5, 1999

SECTION V HEALTH HAZARD DATA HH 66

Threshold Limited Value None established for this mixture. (ACGIH 1992-93).

Effects of Overexposure TARGET ORGANS AFFECTED: None.
Causes eye irritation. Contact with skin may cause irritation and/or allergic skin reaction. Ingestion may cause diarrhea, bloating, gastrointestinal irritation. Inhalation as mist may cause mucous membrane irritation.
Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures **INHALATION AS MIST:** Remove to fresh air. Treat symptomatically. If ill effects develop, get medical attention. **SKIN:** Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention if symptoms are present after washing. **EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get prompt medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink and call physician immediately. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature to cause evaporation.
	Stable	X		

Incompatibility (Materials to Avoid) Strong oxidizer.

Hazardous Decomposition Products Thermal decomposition produces carbon dioxide and carbon monoxide.

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 with inert material, then place in suitable container for proper disposal. Flush area with plenty of 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.

Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal system.

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.

Ventilation	Local Exhaust	Not required.	Special	No.
	Mechanical (General)	Not required.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Lab coat, apron, eye wash station, proper gloves.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool place. Wash thoroughly after handling. **NOTE:** If gelled due to exposure to temperatures below 60°F, warm at room temperature to liquify before 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. 3	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	HOMOGENIZING MEDIUM	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * Health 0 Fire 0 Reactivity 0
Chemical Synonyms	Homogenizing Solution	
Formula	Mixture.	
Unit Size	up to 4 Lt.	
C.A.S. No.	Mixture.	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Lauryl Sulfate: (CAS No. 151-21-3)	5%	None established.
Sodium Chloride: (CAS No. 7647-14-5)	0.877%	None established.
Sodium Citrate: (CAS No. 68-04-2)	0.441%	None established.
Ethylenediamine Tetraacetic Acid: (CAS No. 60-00-4)	0.0292%	None established.
Water: (CAS No. 7732-18-5)	92.153%	None established.

CAUTION! MAY BE HARMFUL IF SWALLOWED.

SECTION III PHYSICAL DATA

Melting Point (°F)	Approx. 0°C (32°F)	Specific Gravity (H₂O = 1)	Approx. 1.0
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	Approx. 92%
Vapor Pressure (mm Hg)	Approx. 14 (water)	Evaporation Rate (Water = 1)	Greater than 1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Clear, slightly yellow liquid; no odor. May gel at temperatures below 60°F (16°C).		

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 Use any media suitable for extinguishing supporting fire.

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

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.

D.O.T. **NON-REGULATED.**

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