



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. NO #
Effective Date January 14, 1997

SECTION V HEALTH HAZARD DATA

Threshold Limited Value None assigned to this product. Toxicity data: Sodium metasilicate: acute orl-rat LD50: 800 g/kg.; dermal-rabbit: severe 250 mg/24 hr.

Effects of Overexposure
SKIN: May cause irritation on prolonged contact with skin. **EYES:** Can cause irritation. **INHALATION:** Causes coughing, sneezing, or other symptoms of upper respiratory tract irritation. **INGESTION:** Moderately toxic. May cause dizziness, incoordination, speech difficulties, headache, nausea, vomiting and possible unconsciousness.

Emergency and First Aid Procedures
SKIN: Flush with cool water. If irritation persists, contact physician. **EYES:** Immediately flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Contact a physician immediately. **INGESTION:** Induce vomiting. Drink large quantities of water to dilute stomach contents. Get prompt medical attention. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Do not store in aluminum containers. Avoid contact with acids.
	Stable	X		

Incompatibility (Materials to Avoid) This product is alkaline - avoid contact with acid materials.

Hazardous Decomposition Products Carbon monoxide and/or carbon dioxide, oxides of sulfur and nitrogen, unidentified organic compounds may be formed during combustion.

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 Cover spill with absorbent material and place in suitable container for proper disposal.

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 accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None needed during normal handling at room temperatures. However, if misty conditions prevail, use a ventilation hood or wear a NIOSH/MSHA approved respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves Rubber. **Eye Protection** Chemical safety goggles, face shield.

Other Protective Equipment Goggles and shield, lab coat, apron, proper gloves, eye wash station.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place between 40°F and 120°F. Do not store in aluminum containers. Do not use aluminum fittings or transfer lines. Avoid contact with acids. 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.

Avoid contact with skin and eyes. Use adequate ventilation. Remove and wash contaminated clothing.

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

Revision No. 1	Date 1/14/97	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	AAI ALL PURPOSE CLEANER	 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	All purpose hard surface cleaner	
Formula	Mixture.	
Unit Size	up to 4 Lt.	
C.A.S. No.	Mixture.	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium metasilicate: (CAS No. 6834-92-0)	> 1.0	None established.
2-Butoxyethanol: (CAS No. 111-76-2)	> 1.0	None established.
Ethylenediaminetetraacetic acid: (CAS No. 60-00-4)	> 1.0	None established.
Sodium xylene sulfonate: (CAS No. 1300-72-7)	> 1.0	None established.
Water: (CAS No. 7732-18-5)	< 70	None established.

DANGER! CORROSIVE. MAY CAUSE IRRITATION TO SKIN AND EYES.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes @ 0°C (68°F)	Specific Gravity (H₂O = 1)	1.024 @ 25°C
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	94%
Vapor Pressure (mm Hg)	0.6 mm @ 20°C (68°F)	Evaporation Rate (Butyl Ac. =1)	< 1
Vapor Density (Air=1)	4.1		
Solubility in Water	Complete.		
Appearance & Odor	Slightly hazy water-like liquid. Forms foam on shaking; mild odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media Use any media suitable for extinguishing existing fire.

SPECIAL FIREFIGHTING PROCEDURES

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decompositions products.

D.O.T. **Non Regulated.**

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