



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. DD 13  
Effective Date February 20, 1999

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	DETERGENT, DRY, NON-PHOSPHATE *	 <p>CHEMTREC 800-424-9300 Day 716-226-6177</p> <p>NFPA HAZARD RATING</p> <table border="1"> <tr> <td>LEAST</td> <td>SLIGHT</td> <td>MODERATE</td> <td>HIGH</td> <td>EXTREME</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Fire</td> <td>0</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	LEAST	SLIGHT	MODERATE	HIGH	EXTREME	0	1	2	3	4	Health	0	Fire	0	Reactivity	0
LEAST	SLIGHT		MODERATE	HIGH	EXTREME													
0	1		2	3	4													
Health	0																	
Fire	0																	
Reactivity	0																	
<b>Chemical Synonyms</b>	Powdered Detergent, Phosphate Free																	
<b>Formula</b>	Mixture.																	
<b>Unit Size</b>	up to 2.5 Kg.																	
<b>C.A.S. No.</b>	Mixture.																	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Sulfate: (CAS No. 7757-82-6)	35.15%	None established.
Sodium Carbonate: (CAS No. 497-19-8)	25.00%	None established.
Sodium Tridecylbenzene Sulfonate: (CAS No. 25155-30-0)	10.50%	None established.
Sodium Chloride: (CAS No. 7647-14-5)	10.00%	None established.
Sodium Silicate: (CAS No. 1344-09-8)	7.50%	None established.

**CAUTION! AVOID CONTACT WITH EYES.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Not applicable.	Specific Gravity (H <sub>2</sub> O = 1)	Not applicable.
Boiling Point (°F)	Not applicable.	Percent Volatile by Volume (%)	Not applicable.
Vapor Pressure (mm Hg)	Not applicable.	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	Soluble.		
Appearance & Odor	Blue/white free flowing powder with soapy odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

### SPECIAL FIREFIGHTING PROCEDURES

This substance is not flammable under normal conditions. Avoid formation of fine dust.

### UNUSUAL FIRE AND EXPLOSION HAZARDS

There are no fire or explosion hazards with this material. Contact with acids will release carbon dioxide. May be hazardous in confined space.

\* This product is not hazardous within the meaning of the OSHA Hazard Communication Standards, 29 CFR 1910.1200. May contain small amount of perfumes. pH of 1% solution: 9.0-12.0; pH of 10% solution: 9.5-12.5

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

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

## SECTION V HEALTH HAZARD DATA

DD 13

**Threshold Limited Value** None established. (ACGIH 1992-93)

**Effects of Overexposure**

**INHALATION:** Dust may cause irritation.  
**SKIN:** Avoid skin contact as dermatitis may develop.  
**EYES:** May cause irritation.  
**INGESTION:** May cause nausea, vomiting, and/or diarrhea.

**Emergency and First Aid Procedures**

**INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention. **SKIN:** Flush thoroughly with water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water or milk to drink. Call physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Acid and acid fumes.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Strong acids and acid fumes.

**Hazardous Decomposition Products** Burning can produce carbon dioxide and/or carbon monoxide.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>	Not applicable.
<b>May Occur</b>	<b>Will Not Occur</b>	
	X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled**

Recover for use if not contaminated. Sweep up material and place in a suitable container for proper disposal. Avoid raising dust. Wash spill area with plenty of 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 in compliance with Federal, State and local regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA approved dust mask or respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended.</b>	<b>Special</b>	No.
	<b>Mechanical (General)</b>	Not required.	<b>Other</b>	

<b>Protective Gloves</b>	Rubber gloves may be used for prolonged exposure.	<b>Eye Protection</b>	Chemical safety glasses.
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**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, 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.

Avoid contact with eyes and mucous membranes and prolonged skin contact. Remove and wash contaminated clothing before reuse.

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

<b>Revision</b> No. 3	<b>Date</b> 2/20/99	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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