



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
Avon, New York 14414
(716) 226-6177

MSDS No. SS 548
Effective Date November 3, 1998

SECTION V HEALTH HAZARD DATA

Threshold Limited Value

None established (ACGIH 1992-93).
OSHA TWA: 5 mg/cu m (respirable), OSHA TWA: 15 mg/cu m (dust).

Effects of Overexposure

May cause irritation to skin, eyes and mucous membranes.
May cause irritation to respiratory tract. Ingestion of large amounts may cause symptoms of gastrointestinal irritation, nausea, vomiting, cramps, diarrhea, decreased blood pressure, decreased heart rate, coma.

Emergency and First Aid Procedures

SKIN: Flush with water. If irritation develops, get medical attention.
EYES: Flush with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation occurs, get medical attention.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
INGESTION: If swallowed, if conscious, give water to drink, induce vomiting and get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature, heat and extreme humidity.
	Stable	X		

Incompatibility (Materials to Avoid)	None known.
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Hazardous Decomposition Products	Thermal decomposition emits toxic oxides of phosphorous and sodium.
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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	Avoid creating dust. Sweep up and place in a suitable container for proper disposal. Flush spill area with 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.

Prevent material from entering public sewer system or any waterways. Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory use. If dusty conditions prevail, work in a ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.
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Ventilation	Local Exhaust	Recommended	Special	No.
	Mechanical (General)	Recommended	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Goggles, lab coat, eye wash station, proper gloves, ventilation hood.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool, dry place. Wash thoroughly after handling.
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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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Avoid contact with eyes, skin and clothing.
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 11/3/98	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	Sodium Hexametaphosphate	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS * 3 4
Chemical Synonyms	Sodium Polyphosphate	
Formula	(NaPO ₃) ₆	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	10124-56-8	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium hexametaphosphate	100%	None established.

CAUTION! MAY BE HARMFUL IF SWALLOWED or INHALED.

MAY CAUSE SKIN, EYE AND RESPIRATORY TRACT IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	628°C (1162°F)	Specific Gravity (H ₂ O = 1)	N/A
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Soluble.		
Appearance & Odor	White, granules or crystalline powder; 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
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Extinguisher Media	Use any media suitable for extinguishing supporting fire.
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SPECIAL FIREFIGHTING PROCEDURES

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

D.O.T.	NON-REGULATED.
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20