



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. SS 760
Effective Date May 5, 1999

SECTION V HEALTH HAZARD DATA

SS 760

Threshold Limited Value

None established. (ACGIH 1992-93).

Effects of Overexposure

Anhydrous form may cause mild irritation to skin, eyes and mucous membranes. **INGESTION:** Of large amounts may cause symptoms of gastrointestinal irritation, nausea, vomiting, cramps and diarrhea.

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 develops or persists, 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 call a physician. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Alkaloids, antipyrine, chloralhydrate, lead acetate, pyrogallol, resorcinol.
--------------------------------------	--

Hazardous Decomposition Products	Thermal decomposition emits toxic oxides of phosphorous.
----------------------------------	--

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	Sweep up and place in a suitable container for proper disposal. Flush spill area with 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 landfill or contract with a licensed waste disposal agency.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None should be needed in normal laboratory use. If dusty conditions prevail, work in a fume hood or wear a NIOSH/MSHA-approved dust mask or respirator.
---------------------------------------	---

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

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

Other Protective Equipment	Goggles, lab coat, eye wash station, proper gloves, ventilation hood.
----------------------------	---

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, 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. 5	Date	5/5/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
----------	-------	------	--------	----------	-----------------	-----------------------------	----

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 PHOSPHATE, DIBASIC
Chemical Synonyms	Disodium Phosphate, Anhydrous
Formula	Na ₂ HPO ₄
Unit Size	up to 2.5 Kg.
C.A.S. No.	7558-79-4

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

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

Health	1
Fire	0
Reactivity	1

HMIS *

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Phosphate, Dibasic (Anhydrous)	100%	None established.

WARNING! CONTACT MAY CAUSE SKIN AND EYE IRRITATION.

SECTION III PHYSICAL DATA

Melting Point (°F)	None listed.	Specific Gravity (H ₂ O = 1)	1.68 at 25°C
Boiling Point (°F)	Decomposes 48°C (118°F)	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (≈1)	N/A
Vapor Density (Air=1)	4.91		
Solubility in Water	14 grams per 100 mL. water at 20°C.		
Appearance & Odor	White, granular or crystalline powder; no odor. Hygroscopic.		

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

None required. Product inherent fire retardant. 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

When heated to decomposition, it emits highly toxic fumes of oxides of phosphorus.

D.O.T. NON-REGULATED.

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