



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. SS 761  
Effective Date January 14, 1999

## SECTION V HEALTH HAZARD DATA

SS 761

### Threshold Limited Value

None established. (ACGIH 1992-93).

### Effects of Overexposure

May cause skin and eye irritation. Inhalation of dusts, mists or aerosols may cause irritation of the respiratory tract and difficulty breathing. Ingestion may be harmful. Swallowing large amounts may cause severe stomach pain. Exercise appropriate procedures to minimize potential hazards.

### Emergency and First Aid Procedures

**SKIN:** Flush with soap and water. **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 one or two glasses of water to drink. Call a physician immediately. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Alkaloids, antipyrine, chloralhydrate, lead acetate, pyrogallol, resorcinol.
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Hazardous Decomposition Products	Thermal decomposition emits toxic oxides of phosphorus.
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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. Recover for use if not contaminated. Sweep up and place in a suitable container for proper disposal. Flush spill area with soap and water. This material should be prevented from entering sewerage and draining systems.
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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.
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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 fume 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.
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## SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Keep container tightly closed. Store in a cool, dry place. Avoid prolonged storage. 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 skin and eyes. Use with 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. 4	Date 1/14/99	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	SODIUM PHOSPHATE, DIBASIC	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177	Health	1
Chemical Synonyms	Disodium Phosphate, Heptahydrate		Fire	0
Formula	Na <sub>2</sub> HPO <sub>4</sub> •7H <sub>2</sub> O	<b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4	Reactivity	0
Unit Size	up to 2.5 Kg.		HMIS *	
C.A.S. No.	7782-85-6			

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Sodium Phosphate, Dibasic, (Heptahydrate)	98%	None established.

**WARNING! CONTACT MAY CAUSE SKIN AND EYE IRRITATION.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.68 at 25°C (77°F)
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	1 gram per 4 Lt.		
Appearance & Odor	White crystals; odorless.		

## 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 contact with skin and eyes.

### 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