



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. HH 30
Effective Date February 4, 1999

SECTION V HEALTH HAZARD DATA

HH 30

Threshold Limited Value

None established. (ACGIH 1992-93).
Toxicity Data: orl-mouse LD50: 807 mg/kg.

Effects of Overexposure

Ingestion or inhalation of this material produces the following effects:
flushing followed by pallor, dizziness, fainting, fall in blood pressure,
headache, rapid, weak pulse. Allergic effects on skin (hives) may occur.

Emergency and First Aid Procedures

INGESTION: If swallowed, if conscious, give one or two glasses of water to drink. Call a physician. Never give anything by mouth to an unconscious person. **SKIN:** Flush with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **EYES:** Flush thoroughly with water, lifting lower and upper eyelids occasionally. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Stable	Conditions to Avoid	Not fully evaluated. Materials containing similar functional groups can decompose at elevated temperatures.
		X		

Incompatibility (Materials to Avoid)
Strong oxidizers.

Hazardous Decomposition Products
When heated to decomposition, emits toxic fumes of oxides of nitrogen, phosphates and carbon.

Hazardous Polymerization	Conditions to Avoid
May Occur	Will Not Occur
	X
	Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled
Wearing suitable protective clothing, sweep material onto paper. Place in a suitable container for disposal by incineration. Wash spill area with soap and 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 incinerator equipped with an afterburner and scrubber.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	Work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.			
Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.
Protective Gloves	Rubber.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	Smock, apron, eye wash station, ventilation hood, proper gloves.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing
Protect from moisture. Store in a cool, dry place.
Wash thoroughly after handling.

Other Precautions
Read label on container before using. Do not wear contact lenses when working with chemicals.

Do not get in eyes, on skin, on clothing. Avoid breathing dust. Use with adequate ventilation. Hygroscopic. 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	2/4/99	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	HISTAMINE DIPHOSPHATE
Chemical Synonyms	Histamine Acid Phosphate
Formula	C ₅ H ₉ N ₃ •2H ₃ PO ₄
Unit Size	up to 5 grams
C.A.S. No.	51-74-1

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

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

Health	3
Fire	0
Reactivity	0

HMIS *
3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Histamine Diphosphate	100%	None established.
WARNING! HARMFUL IF SWALLOWED OR INHALED.		
CAUSES SKIN AND EYE IRRITATION. CAN CAUSE		
ALLERGIC SKIN REACTION.		

SECTION III PHYSICAL DATA

Melting Point (°F)	140°C (284°F)	Specific Gravity (H ₂ O = 1)	Data not listed.
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 crystalline powder when dry. May appear wet when exposed to air. 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
Extinguisher Media	Water spray; carbon dioxide (CO ₂); dry chemical (ABC).				

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

Fire or excessive heat may produce hazardous decomposition products of oxides of nitrogen, phosphates, and carbon can react with strong oxidizing materials.

D.O.T. NON-REGULATED.

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