



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. HH 40
Effective Date March 5, 1999

SECTION V HEALTH HAZARD DATA

HH 40

Threshold Limited Value

None established. (ACGIH 1992-93). Toxicity Data:
Oral-mouse LD50: 807 mg/kg as Histamine Acid Phosphate.

Effects of Overexposure

May be harmful by inhalation, ingestion, or skin absorption. Data describing the chemical, physical and toxicological properties at this dilution (1:10,000) is not available. **NOTE:** The pure compound before dilution if inhaled or swallowed will produce 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, induce vomiting and call physician immediately. Never give anything by mouth to an unconscious person. **INHALATION AS MIST:** Remove to fresh air. Get medical attention. **SKIN:** Flush with water, then wash with soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	Excessive temperature or heat to cause evaporation.
	Stable		

Incompatibility (Materials to Avoid)	Strong oxidizers.
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Hazardous Decomposition Products	Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide, oxides of nitrogen and phosphorous pentoxide.
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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	Flush to sewer with copious amounts of water. Wash spill area with soap and 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.
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Flush to sewer with copious amounts of water.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed for normal laboratory use. In misty conditions work in ventilation hood or wear a NIOSH/MSHA-approved respirator.
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Ventilation	Local Exhaust	None needed.	Special	No.
	Mechanical (General)	None needed.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Smock, apron, eye wash station, ventilation hood, proper gloves.
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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 skin and eyes.
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 3/5/99	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 (1:10,000)
Chemical Synonyms	Histamine Acid Phosphate Solution
Formula	Mixture.
Unit Size	up to 3.785 Lt.
C.A.S. No.	Mixture.

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

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

Health	2
Fire	0
Reactivity	0

HMIS *

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Histamine Acid Phosphate: (CAS No. 51-74-1)	0.01%	None established.
Water: (CAS No. 7732-18-5)	99.9%	None established.

CAUTION! MAY BE HARMFUL IF SWALLOWED OR INHALED

AS MIST. MAY CAUSE ALLERGIC SKIN REACTION.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes 0°C (32°F)	Specific Gravity (H ₂ O = 1)	1.00
Boiling Point (°F)	100°C (212°F)	Percent Volatile by Volume (%)	99.9%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Ether = 1)	Greater than 1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Clear, colorless liquid; 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 full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

In fire conditions, water may evaporate from this solution, which may produce hazardous decomposition products to be produced as dust or fume.

D.O.T. NON-REGULATED.

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