



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. AA282
Effective Date January 23, 1999

SECTION V HEALTH HAZARD DATA

AA 282

Threshold Limited Value

None established (ACGIH 1992 - 93)

Effects of Overexposure

May be harmful by inhalation, ingestion or skin absorption. Causes irritation to mucous membranes and upper respiratory tract. May cause skin rash, headache, runny nose, anemia, loss of weight, depression. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** If conscious, rinse mouth with water and call physician. Never give anything by mouth to an unconscious person. **EYES:** Flush thoroughly with water for 15 minutes, lifting upper and lower eyelids occasionally. If irritation occurs, get medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with soap and water.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	Excessive temperature and heat. Air, light and moisture sensitive.

Incompatibility (Materials to Avoid)	Strong bases, strong acids.
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Hazardous Decomposition Products	Hydrogen iodide, Ammonia, Nitrogen oxides.
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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	Wear protective safety equipment and use adequate ventilation. Avoid raising dust. Sweep up and place in appropriate container for proper disposal. Wash 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. Dispose of in accordance with federal, state and local regulations.
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SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	Work in ventilation hood. 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 goggles
Other Protective Equipment	Lab coat, apron, eye wash station, safety shower, proper gloves, ventilation hood.			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Store in a cool dry place, away from incompatible substances. Wash thoroughly after handling. Becomes yellow to brown on exposure to air and light because of liberation of Iodine. <small>Keep container tightly closed when not in use.</small>
Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. Avoid contact with skin, eyes and clothing. Do not breathe dust. Use with adequate ventilation. Avoid prolonged or repeated exposure. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision	No. 2	Date	1/23/99	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
<small>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.</small>							

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	AMMONIUM IODIDE
Chemical Synonyms	N/A
Formula	NH ₄ I
Unit Size	Up to 2.5 Kg
C.A.S. No.	12027-06-4

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

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

HMIS *
Health 2
Fire 0
Reactivity 1

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Ammonium Iodide	99%	None established

WARNING! MAY BE HARMFUL BY INHALATION,

INGESTION OR SKIN ABSORPTION. IRRITANT.

SECTION III PHYSICAL DATA

Melting Point (°F)	551°C (1023°F) sublimes	Specific Gravity (H ₂ O = 1)	2.514
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	1 mm @ 210.9°C	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Complete		
Appearance & Odor	White or pale yellow solid; odorless, hygroscopic.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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Extinguisher Media	Carbon dioxide, Dry chemical, or appropriate foam.				

SPECIAL FIREFIGHTING PROCEDURES

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

UNUSUAL FIRE AND EXPLOSION HAZARDS

Emits toxic fumes under fire conditions. Reacts explosively with Bromine trifluoride, incompatible with Calomel, Chloral hydrate, Alkaloid salts, Metallic salts and Potassium chlorate.

D.O.T. NON REGULATED

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