



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. AA 425
Effective Date January 25, 1999

SECTION V HEALTH HAZARD DATA

AA 425

Threshold Limited Value

None established by ACGIH 1992-93.

Effects of Overexposure

May be a mild eye, skin or respiratory irritant. May cause gastrointestinal irritation. Exercise appropriate procedures to minimize potential hazards.

Emergency and First Aid Procedures

SKIN: Flush with soap and water. **EYES:** Flush thoroughly with water for 15 minutes lifting upper and lower eyelids occasionally. If irritation occurs, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** Drink large quantities of water to combat the dehydrating effect and get medical attention. Never give anything by mouth to an unconscious person.

SECTION VI REACTIVITY DATA

Stability	Unstable	Conditions to Avoid	(Promotes oxidation.) Moisture, light especially if in aqueous solution.
	Stable		

Incompatibility (Materials to Avoid)	Alkalis, iron, copper, water, oxidizing agents, acids.
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Hazardous Decomposition Products	Combustion will produce carbon dioxide and probably carbon monoxide.
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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	Sweep up spilled material and place in a suitable container for disposal. 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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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 handling. If dusty conditions prevail work in ventilation hood or wear NIOSH/MSHA-approved dust mask.
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Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	Recommended.	Other	No.

Protective Gloves	Rubber, if sensitive to irritation.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Safety glasses, lab coat or apron, eye wash station, proper gloves.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	Keep container tightly closed, in a dark, moisture-free place at temperatures below 33°C (72°F). Keep away from strong oxidizing agents or acids.
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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.
	Protect from exposure and light.
	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 1/25/99	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	L+ASCORBIC ACID
Chemical Synonyms	Vitamin C
Formula	C ₆ H ₈ O ₆
Unit Size	up to 2.5 Kg.
C.A.S. No.	50-81-7

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

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

Health	1
Fire	1
Reactivity	0

HMIS *
3 4

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Ascorbic Acid	100%	None established.
CAUTION! MAY CAUSE IRRITATION. NOT FOR INTERNAL USE.		

SECTION III PHYSICAL DATA

Melting Point (°F)	190-192°C (374-377°F)	Specific Gravity (H ₂ O = 1)	1.65
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	Not applicable.
Vapor Density (Air=1)	Unknown.		
Solubility in Water	30% by weight at 20°C.		
Appearance & Odor	White to slightly off-white granular powder or crystals. Nearly odorless.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume (g/cu. ft.)	Lower 10	Upper 20
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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

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. Slight fire hazard when exposed to heat or flame. Dust-air mixtures may ignite or explode.
Auto-ignition temperature: 660°C (1220°F).

D.O.T. NON-REGULATED.

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