



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. AA 302
Effective Date September 22, 1998

SECTION V HEALTH HAZARD DATA

AA 302

Threshold Limited Value

None established for this mixture.

Effects of Overexposure

Contact with skin may cause irritation with discomfort or rash. Contact with eyes causes irritation with discomfort or blurring of vision. Ingestion may cause abdominal spasms, gastric irritation, nausea and pain.

Emergency and First Aid Procedures

EYES: Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INGESTION:** If swallowed, if conscious, give one or two glasses of water drink, induce vomiting and call physician. Never give anything by mouth to an unconscious person. **INHALATION AS MIST:** Remove to fresh air.

SECTION VI REACTIVITY DATA

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

Incompatibility (Materials to Avoid)	Peroxides, strong oxidants, reducing materials, organic materials, acids.
--------------------------------------	---

Hazardous Decomposition Products	Thermal decomposition may produce oxides of Nitrogen.
----------------------------------	---

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	Absorb spill in vermiculite, sand, earth, paper towel and place in a suitable container. 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 chemical landfill or contract with a licensed waste disposal service.
-----------------------	---

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If misty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved respirator.
---------------------------------------	--

Ventilation	Local Exhaust	If misty.	Special	No.
	Mechanical (General)	If misty.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
-------------------	---------	----------------	--------------------------

Other Protective Equipment	Lab coat, apron, eye wash station, proper gloves.
----------------------------	---

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing	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.
-------------------	---

Remove and wash contaminated clothing.

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

Revision	No. 3	Date	9/22/98	Approved	Michael Raszeja	Chemical Safety Coordinator	MR
----------	-------	------	---------	----------	-----------------	-----------------------------	----

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	AMMONIUM NITRATE 1.0 MOLAR AQ. SOL'N
Chemical Synonyms	Ammonium Nitrate, Water Solution
Formula	Mixture. See Section II.
Unit Size	up to 4 Lt.
C.A.S. No.	Mixture. See Section II.

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

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

Health	1
Fire	0
Reactivity	0

HMIS *

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Ammonium Nitrate: (CAS No. 6484-52-2)	8%	None established.
Water: (CAS No. 7732-18-5)	92%	None established.

CAUTION! HARMFUL IF SWALLOWED.

SECTION III PHYSICAL DATA

Melting Point (°F)	Freezes approx. 0°C (32°F)	Specific Gravity (H ₂ O = 1)	Approx. 1.0
Boiling Point (°F)	Approx. 100°C (212°F)	Percent Volatile by Volume (%)	92%
Vapor Pressure (mm Hg)	14 (water)	Evaporation Rate (Water = 1)	Slightly <1.
Vapor Density (Air=1)	0.7 (water)		
Solubility in Water	Complete.		
Appearance & Odor	Clear, water white, water like liquid; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Not applicable.	Flammable Limits in Air % by Volume	NA	Lower	Upper
				-----	-----
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus. Use flooding amounts of water in early stages of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

In fire conditions resulting in the evaporation of the water of solution, Ammonium Nitrate is an active oxidizing material. In contact with easily oxidizable substances it may react rapidly enough to cause ignition, violent combustion or explosion. Yields toxic gaseous oxides of nitrogen when involved in fire.

D.O.T. NON-REGULATED.

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