



ALDON CORPORATION

MATERIAL SAFETY DATA SHEET

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

MSDS No. SS 450
Effective Date February 3, 1998

SECTION V HEALTH HAZARD DATA

SS 450

Threshold Limited Value None established. RTECS No. VZ4725000 Toxicity data: LD50 Orl-rat 3000 mg/kg. No published data indicating salt is a hazardous material to handle.

Effects of Overexposure **EYES AND SKIN:** Considered as mild irritant. Gross overexposure, over a long period of time, results in dehydration. **INGESTION:** Of large amounts (more than 0.1 pound) may cause vomiting. **INHALATION:** Dust leaves taste with mild irritation to mucous membrane in nose and throat.

Emergency and First Aid Procedures

Flush affected areas with water, provide drinking water.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Wet conditions can cause caking and/or corrosion.
	Stable	X		

Incompatibility (Materials to Avoid) Electrolysis can produce chlorine gas. None - provided the salt is dry. Concentrated acid such as sulfuric and nitric.

Hazardous Decomposition Products Electrolysis can produce chlorine gas.

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

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Sweep up and place in a suitable container. Sweep up and flush with water. No special hazards connected with leaks or spills.

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. Dry landfill or dissolve in sufficient amounts of water to meet existing water quality standards.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None should be needed in normal laboratory use. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask.

Ventilation	Local Exhaust	Yes, if dusty.	Special	No.
	Mechanical (General)	Yes, if dusty.	Other	No.

Protective Gloves	None needed.	Eye Protection	Chemical safety glasses.
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Other Protective Equipment	Lab coat, eye wash station.
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SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a dry place with relative humidity below 75% to prevent deliquescence. Wash thoroughly after handling. 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.

Gloves are usually not necessary unless open skin is present.

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

Revision	No. 5	Date	2/3/98	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	SODIUM CHLORIDE
Chemical Synonyms	Common Salt; Rock Salt
Formula	NaCl
Unit Size	up to 180 Kg.
C.A.S. No.	7647-14-5

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
Sodium Chloride	100%	None established.
LOW HAZARD FOR USUAL LABORATORY HANDLING; NON-TOXIC.		

SECTION III PHYSICAL DATA

Melting Point (°F)	804°C (1479°F)	Specific Gravity (H ₂ O = 1)	2.163 at 25°C
Boiling Point (°F)	1413°C (2575°F)	Percent Volatile by Volume (%)	Negligible as solid.
Vapor Pressure (mm Hg)	1 mm at 865°C (1589°F)	Evaporation Rate ()	Non-volatile (NA).
Vapor Density (Air=1)	Not listed.		
Solubility in Water	1 gram dissolves in 2.8 mL. water at 25°C.		
Appearance & Odor	White crystals, granular or powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

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

SPECIAL FIREFIGHTING PROCEDURES

Salt is non-flammable. This section does not apply. In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and eye protection.

UNUSUAL FIRE AND EXPLOSION HAZARDS

When sodium chloride is heated to high temperatures, a vapor is emitted which is irritating to the eyes, particularly.

D.O.T. NON-REGULATED.

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