



ALDON CORPORATION

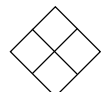
MATERIAL SAFETY DATA SHEET

221 Rochester Street
Avon, New York 14414-9409
(585) 226-6177

MSDS No.: SS0430 SS0450
Effective Date: January 1, 2007

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 585-226-6177

Health	1
Fire	0
Reactivity	0

NFPA

HAZARD RATING				
MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE
0	1	2	3	4

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 (=1)	Non-volatile.
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.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
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.

SECTION V HEALTH HAZARD DATA SS0430

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. Target organs: None known.

Emergency and First Aid Procedures **INGESTION:** Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. 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.

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	May Occur	Conditions to Avoid	Not applicable.
	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. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Gloves are usually not necessary unless open skin is present.

D.O.T. NON-REGULATED.

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

Revision No. 7	Date 01/01/07	Approved James A. Bertsch	Chemical Safety Coordinator JAB
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