

AERCHEM INC.
320 North Walnut
Bloomington, IN 47404

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Product Name: Sodium Chloride, (sea salt)
Chemical Formula: NaCl
CAS No.: 7647-14-5

SECTION 2: HAZARDOUS INGREDIENTS:

N/A

SECTION 3: PHYSICAL DATA

Odor:	Slight saline, astringent
Appearance:	solid, crystalline or powder
Molecular weight:	58.44g/mole
Melting point.:	801°C (1473.8°F)
Boiling point:	1413°C (2575.4°F)
Decomposition temperature:	N/A
pH (depends on quality):	7
Solubility in water:	Easily soluble in water, partially soluble in methanol
Specific gravity (water = 1)	2.16
Vapor density:	N/A
Vapor pressure:	N/A

SECTION 4: FIRE AND EXPLOSION DATA

Flash point:	N/A
Flammable limit:	N/A
Flammability:	May be combustible at high temp.
Extinguishing media and instructions:	SMALL FIRE: Use DRY chemicals, CO ₂ , water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Unusual fire and explosions hazards:	When heated to decomposition it emits toxic fumes.

SECTION 5: REACTIVITY DATA

Stable X Unstable _____

Decomposition byproducts:	toxic fumes
Incompatibilities/Condition to Avoid:	Oxidizing agents, acids
Hazardous Polymerization:	Does not occur.
Special remark on reactivity:	Explodes in presence of bromine trifluoride.

SECTION 6: HEALTH HAZARD DATA

Toxicity:	Hazardous in case of ingestion, eye contact, and skin contact. Slightly hazardous in case of inhalation.
Route of Entry:	Ingestion, eye contact
Permissible Exposure limits:	N/A
TWA:	N/A
Oral (LD50):	3000 mg/kg (rat)

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional requirements.

Disposal: Recycle to process, if possible. Consult your local or regional authorities.

SECTION 8: FIRST AID PROCEDURES

Eye Contact:	Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin Contact:	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting you own hands and body. Place victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive

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Inhalation:	soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Ingestion:	Allow the victim to rest in a well-ventilated area. Seek immediate medical attention. Remove dentures, if any. Have conscious person drink several glasses of water or milk. INDUCE vomiting. Lower the head so that the vomit will not reenter the mouth and throat. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

SECTION 9: HANDLING AND STORAGE INFORMATION:

DO NOT breathe dust. Keep in a cool, dry place. Keep container tightly closed.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation:	Local exhaust ventilation.
Skin Protection:	Lab coat, Gloves
Eye Protection:	Safety glasses
Respiratory Protection:	MSHA/NIOSH approved respirator

SECTION 11: TRANSPORT INFORMATION

DOT Classification: NOT a DOT regulated material

SECTION 12: OTHER REGULATORY INFORMATION

Federal and State regulations:	N/A
WHMIS (Canada):	N/A
DSCL (EEC):	N/A
HMIS (USA):	N/A

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