

# IDENTITY: Sodium Chloride (Salt Rock)

## Section I – Manufacturer Information

Akzo Salt, Inc.  
Abington Executive Park  
Clarks Summit, PA 18411

Telephone Number for Information:  
(717) 587-9241  
Date Prepared: January 21, 1991

**EMERGENCY NUMBER: (800) 424-9300 (Chemtrec)**

## Section II – Hazard Ingredients/Identity Information

None

## Section III – Physical/Chemical Characteristics

Boiling Point: 1465°C	Specific Gravity: 2.165
Vapor Pressure: 2.4 mm of Hg @ 746.9°C	Melting Point:
Vapor Density: N/A	Evaporation Rate: N/A

Solubility in Water: 35.7 @ 0°C, 36.0 @ 20°C

Appearance and Odor: Solid white or off-white crystalline material is odorless.

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): None  
LEL:

Flammable Limits: Not flammable  
UEL:

Extinguishing Media: N/A

Special Fire Fighting Procedures: None/Not combustible

Unusual Fire and Explosion Hazards: None

## Section V – Reactivity Data

Stable or Unstable? Stable  
Conditions to Avoid: Concentrated acids such as sulfuric or nitric.

Incompatibility (Materials to Avoid):

Hazardous Decomposition or Byproducts: Hydrochloric acid from above acid mixtures with salt.

Hazardous Polymerization May Occur or Will Not Occur? Will Not Occur  
Conditions to Avoid:

## Section VI – Health Hazard Data

### Routes of Entry

Inhalation: Yes

Skin: Yes

Ingestion: No

Eye: Yes

### Carcinogenicity:

NTP:

IARC Monographs:

OSHA Regulated:

### Health Hazards:

Signs and Symptoms of Exposure: No acute systemic, chronic systemic or chronic local toxicity. In sensitive persons some dermal or eye irritation effects, or after excessive ingestion, edema and/or temporary elevated blood pressure effects. Gavage ingestion of 15-50g may induce vomiting resulting in partial vacating of stomach contents.

Medical Conditions Generally Aggravated by Exposure: N/A

### Emergency and First Aid Procedure:

Ingestion – High fluid intake facilitates urinary excretion and relief of edema and temporary elevated blood pressure.

Skin – Flush with water

Eyes – Flush with water

## Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Non-hazardous. Sweep up and flush with water.

Waste Disposal Method: According to all applicable regulations. Dry to landfills or dissolve in sufficient amounts of water to meet local existing water quality standards.

Precautions to be Taken in Handling and Storing: Store under DRY (less than 75% R.H.) conditions to prevent CAKING of salt. Store on pallets under protective cover. Do not store cases/bags directly on damp or concrete floors. Avoid PRESSURE PACKING/CAKING of bags by stacking pallets no greater than 3 high.

Other Precautions:

## Section VIII – Control Measures

Respiratory Protection: Unnecessary

Ventilation

Local Exhaust: Not necessary

Mechanical: May be used

Special:

Other:

Protective Gloves: Optional

Eye Protection: Optional

Other Protective Clothing or Equipment:

Work/Hygiene Practices:

Section IX – Additional Information

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