

Material Safety Data Sheet

1- Identification of the Substance and Company

PRODUCT NAME: Sodium Chloride, Salt
PRODUCT USE : De-icer General industrial and water softening/conditioning purposes.

ADDRESS/PHONE NUMBER:

Société de Sel de Mohammedia
Lot Solei Rue N° 7 Villa 50
Mohammedia
Morocco

PHONE : 00212523317256

2- Product Description

Rock Salt is approximately 98% pure salt.

ALTERNATIVE NAMES: Sodium Chloride, Common Salt, Halite

CAS NUMBER: 007647 14 5

EINECS NUMBER: 231 598 3

HAZARDOUS INGREDIENT(S) This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

3- Hazards Identification

Unlikely to cause harmful effects under normal conditions of handling and use.

4- First Aid Measures

INHALATION: Remove patient from exposure.

SKIN CONTACT: Wash skin with water. eyelids

EYE CONTACT: Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. If symptoms develop, obtain medical attention.

INGESTION: Wash out mouth with water and give 200-300ml (half a pint) of water to drink. Obtain medical attention if ill-effects occur.

FURTHER MEDICAL TREATMENT: Symptomatic treatment and supportive therapy as indicated.

5- Fire Fighting Measures

Non-combustible

Extinguishing Media: As appropriate for surrounding fire.

Fire Fighting Protective Equipment: No special requirements.

6- Accidental Release Measures

Clear up spillages.

Transfer to a container for disposal.

Wash the spillage area with water.

Spillages or uncontrolled discharges into water courses, drains or sewers must be IMMEDIATELY alerted to the Environment Agency or other appropriate regulatory body

7- Handling and Storage

HANDLING

Avoid contact with eyes. Avoid prolonged skin contact. Atmospheric levels should be controlled in compliance with the occupational exposure limit for dust. Keep away from strong acids and common metals. Static electricity can be generated by pneumatic conveying, therefore pipes should be bonded and earthed, especially where a spark could prove hazardous.

STORAGE

Keep away from concentrated acids. Rock salt can be stored outside. Care should be taken to avoid excessive run-off into water or onto vegetation

8- Personal Protection and Exposure Controls

Wear suitable protective clothing, gloves and eye/face protection. An approved dust mask should be worn if exposure to levels above the occupational exposure limit is likely.

9- Physical and Chemical Properties

Form: Crystalline solid

Colour: Red-brown

Odour: Odourless

Boiling Point (Deg C): 1413

Melting Point (Deg C): 802

Density of Sodium Chloride (g/ml): up to 2.165 at 20 Deg C Bulk

Density (g/ml): 1.2 to 1.5 approx

Solubility (Water): freely soluble, with some insoluble marlstone residue

10- Stability and Reactivity

Conditions to avoid: None

Materials to avoid :

Reactions with strong acids.

Reactions with oxidizing agents.

Corrosive to metals.

Hazardous decomposition products

With strong acids: Hydrogen chloride (HCl)

With oxidizing agents: chlorine gas (Cl₂)

11- Toxicological Information

Inhalation: High concentrations of dust may be irritant to the respiratory tract.

Skin Contact: Will remove the natural greases resulting in dryness, cracking and possibly dermatitis. Repeated and /or prolonged skin contact may cause irritation.

Eye Contact: Dust may cause irritation.

Ingestion: May cause vomiting and diarrhoea. The swallowing of small amounts is unlikely to cause any adverse effects.

Long Term Exposure: Repeated ingestion of excessive amounts may cause disturbance of body electrolyte and fluid balance.

12 - Ecological Information

Ecotoxicity	May be harmful to freshwater aquatic species and to plants that are not saline tolerant.
Persistence / degradability	Not available
Bioaccumulation / accumulation	Not available
Mobility in environmental media	Not available
Environmental effects	Not available
Aquatic toxicity	Not available
Partition coefficient	Not available
Chemical fate information	Not available

13 - Disposal Considerations

Disposal should be in accordance with federal, state and local environmental control regulations.

14- Transport Information

Not classified as dangerous for transport

15 - Regulatory Information

Not classified as dangerous for supply or use