

Date: 1 /7/ 2024

## SAFETY DATA SHEET ROCK SALT

### Product Identification

Product / Trade Name : Sodium Chloride

Chemical Family : Sodium Salts ( Inorganic Salt)

Alternate Names : Halite, Edible Salt, Common Salt

EINECS\* : 231-598-3

CAS Number\*\* : 7647-14 -5

Appearance : Colorless Crystal – White Color

Odor : Odorless

Hazard Identification : No hazard under section 313 of title III  
of  
the

Superfund Amendments and Reauthorization Act.

First Aid Measures : May cause eye or respiratory irritation.

Fire Fighting Measures : Nonflammable Material .

Accidental Release Measures : No particular measures.

Personal Protection :

Eye Protection : Dust proof glass recommended

Respiratory Protection : Use mask during filling and  
evacuation

Gloves : Not necessary

Protective Clothing : Not required – Ordinary Overalls

N.B.

EINECS\* : European Inventory of Existing Chemical  
Substances

CAS Number\*\* : Chemical Abstract Substance Registry  
Numbers

### Health Effects

On Eye : May cause mild to moderate temporary irritation.

ON skin : No skin Effects.

Ingestion : Less than a few grams would not be harmful but  
large doses  
may cause vomiting.

### Physical and Chemical Properties:

Physical Form : White crystal , powder.

Solubility : 360 gm/L in water at 20 °C

: 257 gm/L in water at 0 °C

**Composition : Chemical:-**

**NaCl 98 % min( on dry basis).**

**Water insoluble Matter 1% max( on dry basis).**

**Moisture 1-1.5% max .**

**Sulphate content . 3% max.**

**Anti cacking agent E535 3-125mg/kg.**

**Handling and Storage:**

**Storage Precaution :Away of Humidity, Away of sea water.**

**Handling and Storage Materials : Polyethylene or polypropylene.**

**Weight : 25 ,50 Kgs Sacks 1250 ton jumbo bags in bulk.or Bulk VSL.**

**Stability and Reactivity:**

**Stability :Water absorbent ( stable away of water)**

**Incompatibility : Strong oxidizing agents Lithium, bromine.**

**Hazardous Decomposition Products: When heated to temp. above**

**801°C may emit toxic fumes of chlorine and sodium oxides.**

**Toxicological Information:**

**None toxic chemical compound, under section 313 of title III of**

**superfund amendment and Reauthorization act.**

**Ecological Information:**

**No particular measure, inorganic compound- free from any organic material.**

**Disposal Considerations:**

**Inorganic salt gives neutral solutions PH should be adjusted to PH 6 – 8.**

**Transport Information:**

**No particular precautions.**

**Other Information:**

**The material is inert . It is used in edible usage.**

**lab-manager**  
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