



MATERIAL SAFETY DATA (MSDS) SUPER SALT EXTRA COARSE CRYSTALS

SECTION I – GENERAL

Trade Name: SALT	C.A.S. Number: 7647-14-5
Chemical Name: SODIUM CHLORIDE	Formula: NaCl
Molecular Weight: 58.4428	
Address: 183 Tajamar Street, Office 601 Las Condes Santiago Chile	Contact: Mr. Jaime Lagos Cepernic Phone: 56 (2) 2338550 Date Issued: 01/2/1999 Date Revised: Same

SECTION II – FIRST AID

Emergency Phone Number: 56 (2) 2338550
Skin: Wash with water
Eyes: Irrigate with plenty of water

SECTION III - HAZARDS INFORMATION – HEALTH

Inhalation: Inhalation of product may cause mild irritation of nose and throat
Ingestion: Ingestion of large amounts (greater than 0.1 lb) may cause gastrointestinal upset.
Skin: Dust may cause irritation.
Eyes: Dust may cause irritation.
Permissible Concentration: Air: None established Biological: No TLV established
Unusual Chronic Toxicity: None

SECTION IV - HAZARDS INFORMATION

Flash Point °C : Not flammable Auto ignition Temp °C : N/A
Open Cup Closed Cup
Flammable Limits In Air (% by volume) – N/A

SECTION V – PRECAUTIONS/PROCEDURES

Fire Extinguishing Agents Recommended: N/A Fire Extinguishing Agents to Avoid: N/A
Special Fire Fighting Precautions: N/A
Ventilation: Local exhaust if dusty conditions prevail.
Normal Handling: Avoid eye contact or prolonged skin contact.
Storage: Wet or damp conditions can cause caking or corrosion of metal surfaces.
Spill or Leak: Shovel up dry material into an empty container. Flush residue with water down local sewer.
Special: Precautions/Procedures/Label Instructions: Store in cool, dry area. No special cautions or labeling are required.

SECTION VI – PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: When required, use a respirator approved by NIOSH for product dust.
Eyes and Face: In extremely dusty areas, chemical safety goggles should be used.
Hands, Arms, and Body: Wear long-sleeved shirts and trousers for routine product Handling. Gloves are optional.
Other Clothing and Equipment: N/A

SECTION VII – PHYSICAL DATA

Material is (At Normal Conditions) **Liquid** **Solid** **Gas** _____
Appearance and Odor: **White crystalline solid. Slight saline odor.**
Boiling Point: **1465°C** Specific Gravity (H₂O = 1): **2.16** Vapor Density (Air – 1): **N/A**
Melting Point: **800°C** Vapor Pressure (mm Hg at 20°C): **2.4 mm at 746.9°C**
Solubility In Water (% By Weight): **26.395 Max at 60°F** ph (20% Solution): **6.5 – 9.5**

SECTION VIII – REACTIVITY DATA

Stability: **Stable** **Unstable**
Conditions to Avoid: **Wet/damp conditions can cause caking and corrosion.**
Incompatibility (Materials to Avoid): **None provided the product is dry.**
Hazardous Decomposition Products: **None**
Hazardous Polymerization: **May Occur** **Will Not Occur**
Conditions To Avoid:

SECTION IX – HAZARDOUS INGREDIENTS (Mixtures Only)

Material or Component/ C.A.S. No.: **Sodium Chloride, CAS 7645-14-5**

Weight %:

Hazard Data (See Section J):

SECTION X – ENVIRONMENTAL

Degradability / Aquatic Toxicity: **Product is inorganic and may persist in the environment.**
EPA Hazardous Substance?
 Yes **No** **If so, reportable quantity** _____ 40 CFR **116 – 117**
Waste Disposal Methods (Disposer Must Comply With Federal, State and Local Disposal
or Discharge Laws): **Flush to sewer if permitted by applicable disposal regulations.**
RCRA Status of Unused Material: **Not a “hazardous waste.”**
40 CFR **261**

SECTION XI – REFERENCES

Permissible Concentration References:

Regulatory Standards: **FDA regulations apply to food use and USP/NF grades (21 CFR).**
USDA regulations apply to use in meat and poultry products.

D.O.T. Classification: N/A - 49 CFR

General: **(a) Recommendations of the Salt Institute**

SECTION XII – ADDITIONAL INFORMATION

This product is not for food or drug use unless material is labeled “food grade”, “USP grade”, or “NF grade”, as applicable.

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