MATERIAL SAFETY DATA SHEET (MSDS)
SALT – SODIUM CHLORIDE

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: Claudio Casanueva  
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 contact 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

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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