

MATERIAL SAFETY DATA SHEET (MSDS) SALT – SODIUM CHLORIDE

SECTION I – GENERAL

Trade Name: **HALITE ROCK SALT (WITH ANTI-CAKING AGENTS: YPS)**
Item: **RS50**
C.A.S. Number: **7647-14-5**
Chemical Name: **SODIUM CHLORIDE**
Formula: **NaCl; YPS**
Molecular Weight: **58.4428**

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**
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

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

Conditions to Avoid: **Wet/damp conditions can cause corrosion.**
Incompatibility (Materials to Avoid): **None provided the product is dry.**
Hazardous Decomposition Products: **None**

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.**
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. This product safety data sheet is offered solely for your information, consideration and investigation. Compania Minera Punta de Lobos S.A. provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.