



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Salt
PRODUCT USE: Oil Well Fluid Additive **CAS No.** 7647-14-5
CHEMICAL FAMILY: Sodium Chloride

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a controlled product under WHMIS
WORK PLACE HAZARD: N/A

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Not Dangerous Goods
TDG CLASSIFICATION: N/A
UN NUMBER (PIN): N/A
PACKING GROUP: N/A

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₍₅₀₎ Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
No Hazardous Ingredients					

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EFFECTS OF OVEREXPOSURE: Minimal effects expected as this is common sodium chloride and is non-toxic and non-hazardous.

EYE CONTACT: Mechanical irritation, watering of eyes and inflammation of conjunctivas.

SKIN CONTACT: Irritation, inflammation, and small ulcerations. Because sodium chloride is hydroscopic, prolonged contact with skin will result in drying of the surface of the skin resulting in minor irritation.

INGESTION: Disagreeable taste, nausea and vomiting. Large amounts can cause irritation of the stomach.

INHALATION: Slight irritation of nose and sneezing.

SECTION IV: FIRST AID MEASURES



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SKIN CONTACT: Flush with water. If irritation develops use a hand lotion or hand cream to help moisturize skin surface.

EYE CONTACT: Flush with water, consult a physician.

INGESTION: Consult a physician.

INHALATION: Consult a physician.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR: Solid white; odourless

SPECIFIC GRAVITY: 2.165 g/cc

BOILING POINT (°C): 1413°C

MELTING POINT (°C): 804°C

pH: 6.7 – 7.3

SOLUBILITY IN WATER: 1 g/2.8 ml

PERCENT VOLATILE BY VOLUME: None

EVAPORATION RATE: N/A

VAPOUR PRESSURE (mm Hg): 1.0 mm @ 865 °C

VAPOUR DENSITY (Air = 1): N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Flammable

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: Not combustible. That necessary for surrounding material.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained respirators required for fire fighting personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SECTION VII: REACTIVITY DATA

STABILITY: **Stable [XX]** **Unstable []**

INCOMPATIBILITY (CONDITIONS TO AVOID): Lithium, bromine trifluoride

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, sodium oxide



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HAZARDOUS POLYMERIZATION: Will Not Occur [XX] May Occur []

VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Suggest NIOSH/MESA approved dust mask
VENTILATION: None Required
PROTECTIVE GLOVES: Suggest Gloves (Plastic or Rubber)
EYE PROTECTION: Suggest goggles
OTHER PROTECTIVE EQUIPMENT (Specify): None Required

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep dry until used.

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

No special procedure required.

WASTE DISPOSAL METHOD

Dispose of material in accordance with local ordinances. Landfill is suggested.

SECTION IX: PREPARATION

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