

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **SALT**

OTHER MEANS OF IDENTIFICATION: Salt – Fine; Salt – Coarse; Sodium Chloride

RECOMMENDED USE: Oilwell drilling fluid and cement additive

RESTRICTIONS ON USE: None known

SUPPLIER IDENTIFIER: **Praire Mud Service**
738 6th Street
Estevan, SK S4A 1A4
306-634-3411

EMERGENCY PHONE NUMBER: 306-634-3411

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Not hazardous

LABEL SYMBOLS: Not applicable

SIGNAL WORD: Not applicable

CLASSIFICATION INFORMATION: Not applicable

PRECAUTIONARY STATEMENTS: Not applicable

OTHER HAZARDS: None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Sodium Chloride	7647-14-5	100% w/w

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing and wash affected area thoroughly with water and soap. If irritation occurs and persists, obtain medical attention.

EYE CONTACT: Immediately flush with gently flowing warm water until irritation ceases. Obtain medical attention if irritation persists.

INGESTION: Obtain medical attention if symptoms develop.

INHALATION: Move to area free from dust. If victim is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues obtain medical attention.

MOST IMPORTANT SYMPTOMS / EFFECTS: No known acute or chronic health effects.

IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use media appropriate for packaging and surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: None.

SPECIFIC FIRE HAZARDS: None.

HAZARDOUS COMBUSTION PRODUCTS: Chlorine; oxides of sodium; hydrogen chloride.

SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS: Self-contained breathing apparatus required for fire-fighting personnel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate safety gear including eye and respiratory protection.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect dry material by sweeping and shoveling. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes or prolonged skin contact. Use good personal hygiene and housekeeping. Launder contaminated clothing before reuse.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry, well-ventilated place away from acids. Extended storage can result in a hardening of the material.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Not established. Local nuisance dust levels apply.
ENGINEERING CONTROLS:	Use only with adequate ventilation. If user operations generate dust use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.
	PERSONAL PROTECTIVE MEASURES
RESPIRATORY PROTECTION:	Approved dust masks recommended for dust levels below TLV. Use a properly fitted particulate filter respirator complying with an approved standard if airborne concentrations exceeds TLV or if a risk assessment indicates this is necessary.
PROTECTIVE GLOVES:	Not required.
EYE PROTECTION:	Safety glasses with side-shields.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White crystalline
ODOUR:	Odourless
ODOUR THRESHOLD:	Not applicable
pH:	6 – 8
MELTING POINT / FREEZING POINT:	801°C
BOILING POINT / RANGE:	1431°C
FLASH POINT:	Not applicable
EVAPORATION RATE:	Not applicable
FLAMMABILITY:	Not applicable
FLAMMABILITY / EXPLOSIVE LIMITS:	Not applicable
VAPOUR PRESSURE:	0.1 kPa @ 865°C
VAPOUR DENSITY:	Not applicable
RELATIVE DENSITY:	2.17 gm/cm ³
SOLUBILITY:	36 g/100g H ₂ O @ 20°C
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not applicable
DECOMPOSITION TEMPERATURE:	Not applicable

VISCOSITY: Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: None under normal conditions of storage or use.
CHEMICAL STABILITY: Stable under normal conditions of storage or use.
POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.
CONDITIONS TO AVOID: Exposure to air or moisture over prolonged periods.
INCOMPATIBLE MATERIALS: Acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of sodium, chlorine gas, hydrogen chloride.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY: LD50 (Oral, rat) = 3000 mg/kg
LD50 (Dermal): No information available
LC50 (Inhal, rat) > 21,000 mg/m³

SKIN CONTACT: Non-irritating to intact skin. Minor irritation may occur on abraded skin.
EYE CONTACT: Dust and concentrated solutions may cause mild eye irritation.
INGESTION: No effects expected from ingestion of small quantities.
INHALATION: Dust may cause irritation including coughing and sneezing.
CARCINOGENICITY: Not carcinogenic based on available information.
TERATOGENICITY: Not teratogenic based on available information.
REPRODUCTIVE TOXICITY: Not a reproductive toxin based on available information.
MUTAGENICITY: Not mutagenic based on available information.
CHRONIC TOXICITY: No information available.
TARGET ORGAN EFFECTS: No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No information available.
PERSISTENCE AND DEGRADABILITY: Not applicable to inorganic substances.
BIOACCUMULATIVE POTENTIAL: Does not bioaccumulate.
MOBILITY IN SOIL: Dissociates into ions.
OTHER ADVERSE EFFECTS: None know.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. It may be possible to dispose of this product in a landfill: Check with local operator.

SECTION 14: TRANSPORTATION INFORMATION

TDG Not applicable
DOT Not applicable
IATA Not applicable
IMDG Not applicable
UN NUMBER: Not applicable
PROPER SHIPPING NAME: Not applicable

CLASS: Not applicable
PACKING GROUP: Not applicable
IMDG HAZARDS: Not a marine pollutant
BULK TRANSPORT: Not regulated
SPECIAL PRECAUTIONS: None

SECTION 15: REGULATORY INFORMATION

DSL: On the DSL.
WHMIS CLASS: None
TSCA: Listed

SECTION 16: OTHER INFORMATION

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