

# SALT

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	SALT
<b>Other Means of Identification</b>	Sodium Chloride
<b>Product Family</b>	Inorganic Salt
<b>Recommended Use</b>	Drilling Fluid Additive.
<b>Supplier</b>	Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, www.brichemsupply.com
<b>Emergency Phone No.</b>	ChemTrec, (800) 424-9300, 24/7

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Not classified under any GHS hazard classes.

### GHS Label Elements

Not applicable

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Sodium chloride	8028-77-1	~100	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Remove from exposure to fresh air. If symptoms persist, seek medical attention.

#### Skin Contact

Wash with soap and water. If skin irritation occurs get medical advice/attention.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If adverse symptoms persist, seek medical attention.

#### Ingestion

If victim is conscious and alert, give 2-4 glasses of milk or water. DO NOT INDUCE VOMITING unless directed to do so by medical personnel. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Get prompt medical attention.

## SECTION 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use dry chemical, carbon dioxide, foam, water.

### Specific Hazards Arising from the Chemical

Does not burn.

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## Special Protective Equipment and Precautions for Fire-fighters

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

### Methods and Materials for Containment and Cleaning Up

Use appropriate safety equipment. Small spill: sweep up and put into approved DOT containers for disposal or re-use. Large spill: DO NOT allow to enter waterways; sweep or shovel into approved DOT containers for disposal or re-use.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Use with adequate ventilation. Avoid ingestion and inhalation. Avoid any contact with eyes, skin and clothing. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

### Conditions for Safe Storage

Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container tightly closed and away from incompatible materials. Store protected from moisture.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ACGH nuisance dust TLV-TWA: 10 mg/m<sup>3</sup> (Total Dust).

### Appropriate Engineering Controls

None required for normal use.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons and boots.

#### Respiratory Protection

In absence of proper ventilation, recommend NIOSH-approved dust respirator.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	White crystals. Particle Size: Not available
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not available
<b>pH</b>	6.7 - 7.3
<b>Melting Point/Freezing Point</b>	804 °C (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	1413 °C
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	1.0 mm Hg
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	2.165

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<b>Solubility</b>	Soluble in water; Not applicable (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Molecular Formula</b>	NaCl
<b>Molecular Weight</b>	Not available
<b>Bulk Density</b>	1200 - 1280 kg/m <sup>3</sup>
<b>Surface Tension</b>	Not applicable
<b>Critical Temperature</b>	Not applicable
<b>Electrical Conductivity</b>	Not applicable
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Incompatible Materials

Lithium, bromide tri-fluorides, strong acids, strong oxidizing agents.

### Hazardous Decomposition Products

Hydrochloric acid, fumes of sodium oxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

Mild irritant to mucous membranes and upper respiratory tract.

### Skin Corrosion/Irritation

May cause slight irritation.

### Serious Eye Damage/Irritation

May cause mild irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Slightly irritating to the upper respiratory tract.

#### Ingestion

May cause irritation to the mouth, esophagus and stomach.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Modulator of blood pressure.

No information was located for: Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

## SECTION 12. ECOLOGICAL INFORMATION

No ecotoxicity or environmental fate data available. It is good practice to prevent releases into the environment.

### Toxicity

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Not Available

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government regulations.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations.

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS Classification

Not a WHMIS controlled product.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

## SECTION 16. OTHER INFORMATION

**SDS Prepared By** Bri-Chem Supply Ltd

**Phone No.** (403) 252-5904

**Date of Preparation** February 25, 2016

**Disclaimer** This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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