SECTION 1. IDENTIFICATION

Product Identifier Salt
Recommended Use Industrial, De-Icer, Feed, Hide, Water softening, Bath Salt
Restrictions on Use Not for Ingestion

Initial Supplier Identifier NSC Minerals Ltd.
2241 Speers Ave
Saskatoon, SK
CANADA
S7L 5X6
www.nscminerals.com
Email: nsc@nscminerals.com

Emergency Telephone Number 1-306-934-6477 / 1-888-668-7258

SECTION 2. HAZARD IDENTIFICATION

Classification Not classified as a dangerous substance or mixture according to the Globally Harmonized System (GHS)
Label Elements Keep out of reach of children. Harmful if swallowed. Avoid skin and eye contract.
Label Other Pictograms & Signal Words Not Applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Common Name / Synonyms Salt, Sodium Chloride, NaCl, Raw Salt, De-Icing Salt, Rocanville Coarse

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>% (W/W)</th>
<th>CAS NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>Not available</td>
<td>7647-14-5</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, which the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Other Identifiers Eco-Friendly

SECTION 4. FIRST AID MEASURES

4.1 FIRST AID BY ROUTE OF EXPOSURE

General If medical advice is needed, have product container or label at hand.
Inhalation If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if needed. Obtain medical attention if breathing difficulty persists.
Skin Contact Wash Skin thoroughly with mild soap and water. Obtain medical attention if irritation develops or persists.
Eye Contact

Immediately rinse with water for a prolonged period (15 minutes) while holding the eyelids wide open including upper and lower lids. Obtain medical attention if pain and irritation develops or persists.

Ingestion

Do not induce vomiting. Administer water if patient is conscious. Ingesting salt will usually cause purging of the stomach by vomiting. Seek medical attention if a large amount is swallowed. Get medical advice and attention if you feel unwell.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Symptoms/injuries

Irritation to eyes, skin and respiratory tract.

Symptoms/injuries after inhalation

Overexposure may be irritating to the respiratory system.

Symptoms/injuries after skin contact

May cause skin irritation.

Symptoms/injuries after eye contact

May cause eye irritation.

Symptoms/injuries after ingestion

If a large quantity has been ingested: Abdominal pain; Diarrhea; Nausea; Vomiting; Tingling in hands and feet; Weak pulse; Circulatory disturbances

Chronic symptoms

Prolonged inhalation of dust may cause respiratory irritation.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information.

SECTION 5. FIRE-FIGHTING MEASURE

5.1 EXTINGUISHING MEDIA

Suitable Extinguishing Media

Not Flammable. Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media

None known.

5.2 SPECIFIC HAZARDS ARISING FROM PRODUCT

Fire Hazard

Under conditions of fire this material may produce toxic fumes.

Explosion Hazard

Product is not explosive

Reactivity

Stable at ambient temperature and under normal conditions of use.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Fire-fighting Instructions

Keep Upwind. Under conditions of fire this material may produce: Potassium oxides; Hydrogen chloride; Chlorine gas

Protection during firefighting

Wear full fire-fighting turn out gear (full Bunker gear) and respiratory protection (SCBA).

Other Information

Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURE

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General Measures

Do not breathe fumes from fires or vapors from decomposition

Protective Equipment for Emergency & Non-Emergency Personnel

Wear suitable protective clothing, gloves and eye/face protection including tight fitting goggles in areas of high dust concentration. Wear NIOSH approved respiratory protective equipment when workplace conditions warrant use of respirator.

Emergency Procedures

If possible, stop flow of product. Contain and collect as any solid. Ventilate area.
### 6.2 ENVIRONMENTAL PRECAUTIONS

If spill could potentially enter any waterway, including intermittent dry creeks, contact the U.S. COAST GUARD NATIONAL RESPONSE CENTER at 800-424-8802. In case of accident or road spill notify CHEMTREC at 800-424-9300 (in USA) or CANUTEC at 613-996-6666 (in Canada). In other countries call CHEMTREC at (International code) +1-703-527-3887.

### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING-UP

<table>
<thead>
<tr>
<th><strong>For Containment</strong></th>
<th>Contain and collect as any solid. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Methods for Cleaning Up</strong></td>
<td>Recover the product by vacuuming, shovelling or sweeping. Avoid generation of dust during clean-up of spills. If uncontaminated, recover and reuse as product.</td>
</tr>
</tbody>
</table>

### 6.4 REFERENCE TO OTHER SECTIONS

No additional information available.

### SECTION 7. HANDLING AND STORAGE

#### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Additional Hazards when processed:** When heated, material emits irritating fumes.

**Precautions for safe handling:** Handle in accordance with good industrial hygiene and safety procedures. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**Hygiene Measures:** Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

#### 7.2 CONDITIONS FOR SAFE STORAGE

**Storage Conditions:** Store tightly closed in a dry, cool and well-ventilated place. Protect from moisture and preferably below 70% relative humidity.

**Special Rules on Packaging:** Avoid contact with aluminum or carbon steel to minimize corrosion.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 CONTROL PARAMETERS

Highly soluble – No ACGIH TWA, Particulate Not Otherwise Specified (PNOS) not appropriate for highly soluble material.

#### 8.2 EXPOSURE CONTROLS

**Appropriate engineering controls:** Ensure adequate ventilation (especially in confined areas), eye wash stations.

**Personal protective equipment:** Gloves. Safety glasses. Protective clothing.

**Hand Protection:** Impermeable protective gloves.

**Eye Protection:** Protective goggles and safety glasses

**Skin and Body Protection:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wear suitable protective clothing. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice. Wash clothing frequently.

**Footwear:** Normal
**Respiratory Protection:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid (Crystalline)</td>
</tr>
<tr>
<td>Color</td>
<td>White to Red</td>
</tr>
<tr>
<td>Odour</td>
<td>None</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No Data Available</td>
</tr>
<tr>
<td>pH</td>
<td>6-8</td>
</tr>
<tr>
<td>Relative Evaporation Rate (Butylacetate=1)</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>1473.8°F (801°C)</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>2669°F (1465°C)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Self-Ignition temperature:</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Flammability (solid/gas):</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Relative Vapor Density at 20°C:</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>2.14</td>
</tr>
<tr>
<td>Density</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Solubility</td>
<td>26%</td>
</tr>
<tr>
<td>Log Pow or Log Kow</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>None Known</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>None Known</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>Not Explosive</td>
</tr>
</tbody>
</table>

#### 9.2 OTHER INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC Content</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>71-77lbs/ft³ (1137-1234kg/m³)</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>NaCl</td>
</tr>
</tbody>
</table>

### SECTION 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Stable at ambient temperature and under normal conditions of use.</td>
</tr>
<tr>
<td>Chemical Stability</td>
<td>Stable at standard temperature and pressure.</td>
</tr>
<tr>
<td>Possibility of Hazardous Reactions</td>
<td>Hazardous polymerization will not occur.</td>
</tr>
</tbody>
</table>
Conditions to Avoid
- Protect from moisture.

Incompatible Materials
- Contact with acids liberates toxic gas (chlorine). Lithium, interhalogens (bromide, triflourite, etc.), acids, oxidizing agents.

Hazardous
Decomposition
Products
- Contact with strong acids may produce hydrogen chlorine gas.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity
SODIUM CHLORIDE (7647-14-5)
- LC50 3g/kg
- LD50 (oral) >10g/kg
- LD50 (dermal) >42g/m3 (Exposure time: 1h)

Skin Corrosion / Irritation
- Mild

Serious Eye Damage / Irritation
- Mild - Salt dust can cause eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure
- Not Classified

STOT (Specific Target Organ Toxicity) - Repeated Exposure
- Not Classified

Aspiration Hazard
- Not Classified

Respiratory and/or Skin Sensitization
- Not Classified

Reproductive Toxicity
- Not Classified

Germ Cell Mutagenicity
- Not Classified

Carcinogenicity
- Not Classified

Target Organ Effects
- Kidneys, Eyes, Skin, Respiratory system.

SECTION 12. ECOLOGICAL INFORMATION

Eco toxicity
- The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Environmental Fate
- No Data Available

Toxicity
- No Data Available

Degradation Products
- No Data Available

SECTION 13. DISPOSAL CONSIDERATIONS

Sewage Disposal Recommendations
- This material may be hazardous to the aquatic environment. Keep out of sewers and waterways.

Waste Disposal Recommendations
- Place in an appropriate container and dispose of the contaminated material at a licensed site.

Additional Information
- Dispose of waste material in accordance with all local, regional, national, and international regulations.
SECTION 14. TRANSPORT INFORMATION

In accordance with DOT / TDG / ADR / RID / ADNR / IMDG / ICAO / IATA

UN number - No dangerous good in terms of transport regulations.

UN proper shipping name - Not applicable

Overland Transport No additional Information available.
Transport by Sea No Additional Information available.
Air Transport No Additional Information available.

SECTION 15. REGULATORY INFORMATION

15.1 US FEDERAL REGULATIONS

Sodium Chloride (7647-14-5) – Listed on the United States TSCA (Toxic Substances Control Act) Inventory

15.2 US STATE REGULATIONS

The following states have an OSH program approved by OSHA. If you are located in any of these states you may be under state jurisdiction rather than federal jurisdiction and your state may have more stringent requirements than OSHA. You should consult your state regulations to ensure compliance.

Alaska Indiana Nevada Puerto Rico Virginia
Arizona Iowa New Mexico South Carolina Washington
California Kentucky *New Jersey Tennessee Wyoming
*Connecticut Maryland *New York Utah
Hawaii Michigan North Carolina Vermont
*Illinois Minnesota Oregon *Virgin Islands

*The state plans in these states apply only to public sector employees. In these states private sector employers are subject to USOL – OSHA jurisdiction. All other state plans apply to both public and private sector employers.

Sodium Chloride (7647-14-5) – U.S. Texas – Effects Screening Levels – Short Term & Long Term

SECTION 16. OTHER INFORMATION

NFPA Health Hazard 1 – Exposure could cause irritation but only minor residual injury even if not treatment is given.

NFPA Fire Hazard 0 – Materials that will no burn.

NFPA Reactivity 0 – Normally stable, even under fire exposure conditions, and are not reactive with water.

Date of Latest Revision April, 2018
Prepared by NSC Minerals Ltd

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