SAFETY DATA SHEET
Open Road

1: Identification
1.1. Product Identifier
Product Form: Ice Melt Blend
Product Name: Open Road
Synonyms: Open Road Ice Melting blend Contains a Proprietary Combination of Sodium Chloride and Calcium Chloride.

1.2. Intended Use of the Product
Melting ice and snow

1.3. Name, Address, and Telephone of the Responsible Party
Company
U.S. Salt, Inc.
9661 Newton Ave. S.
Bloomington, MN 55431
Office: 952-516-7465
www.ussalt.com

1.4. Emergency Telephone Number
Emergency Number (800)-424-9300

2. Hazard Identification
2.1. Classification of the Substance or Mixture
Classification (GHS-US)
Eye Irritation. 2A H319

2.2. Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US)

Signal Word (GHS-US) : Warning
Hazard Statements (GHS-US) :
H319 - Causes serious eye irritation.
Precautionary Statements (GHS-US)
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, respiratory protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other Hazards
Other Hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. When heated to decomposition, emits irritating fumes. Corrosive to metals upon prolonged contact. Contact with water causes an exothermic heat reaction, which may cause significant temperature rise.
Section 3: Composition/Information on Ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>(CAS No) 7647-14-5</td>
<td>Proprietary</td>
<td>Not Classified</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>(CAS No) 10043-52-4</td>
<td>Proprietary</td>
<td>Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

Section 4: First Aid Measures

4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.

First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: Causes eye irritation.
Symptoms/Injuries After Inhalation: May cause respiratory irritation.
Symptoms/Injuries After Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation.
Symptoms/Injuries After Eye Contact: Causes eye irritation.
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If exposed or concerned, get medical advice and attention.

Section 5: Fire-Fighting Measures

5.1. Extinguishing Media
Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Product is not explosive.
Reactivity: When heated to decomposition, emits irritating fumes.

5.3. Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information: Do not allow run-off from fire fighting to enter drains or water courses.
Section 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing (dust, fumes). Avoid all contact with skin, eyes, or clothing.

6.1.1. For Non-emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).

6.1.2. For Emergency Responders
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Ventilate area.

6.2. Environmental Precautions
Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Material for Containment and Cleaning Up
For Containment: Contain and collect as any solid.
Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Contact competent authorities after a spill.

6.4. Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

Section 7: Handling and Storage

7.1. Precautions for Safe Handling
Additional Hazards When Processed: When heated to decomposition, emits irritating fumes. Contact with water causes an exothermic heat reaction, which may cause significant temperature rise.

Precautions for Safe Handling: Do not breathe vapors, mist, spray.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.
Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from extremely high or low temperatures, direct sunlight, heat, ignition sources, incompatible materials.

7.3. Specific End Use(s) Melting Ice

Section 8: Exposure Controls/Personal Protection

8.1. Control Parameters
No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

8.2. Exposure Controls
Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas.


Materials for Protective Clothing: Chemically resistant materials and fabrics. Corrosion proof clothing.
Hand Protection: Wear chemically resistant protective gloves.
Eye Protection: Chemical goggles or face shield.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: Not required under normal conditions of use.
Other Information: When using, do not eat, drink or smoke.
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</td>
</tr>
<tr>
<td>Appearance</td>
<td>Blue dry Granules</td>
</tr>
<tr>
<td>Odor</td>
<td>Minimal Odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor 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>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>2.076</td>
</tr>
<tr>
<td>Solubility</td>
<td>317 gpl @ 0° C (32°F)</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other Information
No additional information available

Section 10: Stability and Reactivity

10.1 Reactivity: When heated to decomposition, emits irritating fumes.
10.2 Chemical Stability: Stable under normal conditions.
10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4 Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Incompatible materials.

Section 11: Toxicological Information

11.1. Information On Toxicological Effects

<table>
<thead>
<tr>
<th>Substance</th>
<th>LD50 Oral Rat</th>
<th>LD50 Dermal Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>3 g/kg</td>
<td></td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>1000 mg/lg</td>
<td>2630 mg/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corrosion/Irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious Eye Damage/Irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory or Skin Sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity (Single Exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity (Repeated Exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>
Symptoms/Injuries After Inhalation: May cause respiratory irritation.
Symptoms/Injuries After Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation.
Symptoms/Injuries After Eye Contact: Causes eye irritation.
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Section 12: Ecological Information

12.1. Toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50 Fish 1</th>
<th>EC50 Daphnia 1</th>
<th>EC50 Fish 2</th>
<th>EC50 Daphnia 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flowthrough])</td>
<td>1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
<td>12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
<td>340.7 (340.7 - 469.2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])</td>
</tr>
<tr>
<td>Calcium Chloride (10043-52-4)</td>
<td>10650 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
<td>2400 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and Degradability No additional information available

12.3. Bioaccumulative Potential

<table>
<thead>
<tr>
<th>Substance</th>
<th>Bioaccumulative Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Strength</td>
<td>Not established</td>
</tr>
<tr>
<td>Sodium Chloride (7647-14-5)</td>
<td>(no bioaccumulation)</td>
</tr>
<tr>
<td>Calcium Chloride (10043-52-4)</td>
<td>(no bioaccumulation)</td>
</tr>
</tbody>
</table>

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects
Other Information: Avoid release to the environment.

Section 13: Disposal Considerations

13.1. Waste treatment methods
Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Section 14: Transport Information

14.1 In Accordance with DOT Not regulated for transport
14.2 In Accordance with IMDG Not regulated for transport
14.3 In Accordance with IATA Not regulated for transport

Section 15: Regulatory Information

15.1 US Federal Regulations
Industrial Strength

SARA Section 311/312 Hazard Classes
Immediate (acute) health hazard

Sodium Chloride
Listed on the United States TSCA (Toxic Substance Control Act) Inventory

Calcium Chloride (10043-52-4)
Listed on the United States TSCA (Toxic Substance Control Act) Inventory

15.2 US State Regulations

<table>
<thead>
<tr>
<th>Sodium Chloride (7647-14-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - Texas - Effects Screening Levels - Long Term</td>
</tr>
<tr>
<td>U.S. - Texas - Effects Screening Levels - Short Term</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Calcium Chloride (10043-52-4)</th>
</tr>
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<tbody>
<tr>
<td>U.S. - Texas - Effects Screening Levels - Long Term</td>
</tr>
<tr>
<td>U.S. - Texas - Effects Screening Levels - Short Term</td>
</tr>
</tbody>
</table>

Section 16 Other Information, Including Date of Preparation or Last Revision

Revision date 10/21/2014
Other Information
This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.