# SECTION 1: IDENTIFICATION

## 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Road Runner

**Synonyms:** Road Runner Ice Melting Compound Contains a Proprietary Combination of Sodium Chloride, Calcium Chloride, and Magnesium Chloride.

## 1.2. Intended Use of the Product

Melting Ice

## 1.3. Name, Address, and Telephone of the Responsible Party

**Company**

Scotwood Industries, Inc.

12980 Metcalf Ave. STE 240

Overland Park, Kansas 66213

Office: (913) 851-3500

Toll Free: (800) 844-2022

Fax: (913) 851-3377

## 1.4. Emergency Telephone Number

**Emergency Number:** (800)-844-2022 (Monday – Friday 8:00am-5:00pm CST)

# SECTION 2: HAZARDS IDENTIFICATION

## 2.1. Classification of the Substance or Mixture

**Classification (GHS-US)**

- Eye Irrit. 2A, H319

## 2.2. Label Elements

**GHS-US Labeling**

- **Signal Word (GHS-US):** Warning
- **Hazard Pictograms (GHS-US):**

## 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.

## 2.4. Unknown Acute Toxicity (GHS-US)

No data available

# 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>Magnesium chloride</td>
<td>(CAS No) 7786-30-3</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</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2A, H319</td>
</tr>
</tbody>
</table>

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.
**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.

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 no 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. Corrosionproof 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

Physical State: Solid

Appearance: White dry Granules

Odor: Minimal Odor

Odor Threshold: No data available

pH: No data available

Evaporation rate: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: No data available

Flash Point: No data available

Auto-ignition Temperature: No data available

Decomposition Temperature: No data available

Flammability (solid, gas): No data available

Vapor Pressure: No data available

Relative Vapor Density at 20 °C: No data available

Relative Density: No data available

Specific Gravity: 2.076

Solubility: 317 gpl @ 0° C (32°F)

Partition coefficient: n-octanol/water: No data available

Viscosity: No data available
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

Acute Toxicity: Not classified

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral Rat</th>
<th>LC50 Inhalation Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (7647-14-5)</td>
<td>3 g/kg</td>
<td>&gt; 42 g/m³ (Exposure time: 1 h)</td>
</tr>
<tr>
<td>Magnesium chloride (7786-30-3)</td>
<td>2800 mg/kg</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Calcium chloride (10043-52-4)</td>
<td>1000 mg/kg</td>
<td>2630 mg/kg</td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

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.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>LC50 Fish 1</th>
<th>EC50 Daphnia 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (7647-14-5)</td>
<td>5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])</td>
<td>1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>Magnesium chloride (7786-30-3)</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>
</tr>
</tbody>
</table>

12.2. Persistence and Degradability  No additional information available

12.3. Bioaccumulative Potential

Road Runner  Bioaccumulative Potential  Not established.
Road Runner
Safety Data Sheet
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Sodium chloride (7647-14-5)
*BCF fish 1*  
(no bioaccumulation)

### Calcium chloride (10043-52-4)
*BCF fish 1*  
(no bioaccumulation)

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**

| Road Runner |  
|-------------|-----------------|
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |

| Sodium chloride (7647-14-5) |  
|------------------------------|-----------------|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| Magnesium chloride (7786-30-3) |  
|-------------------------------|-----------------|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| Calcium chloride (10043-52-4) |  
|-------------------------------|-----------------|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

**15.2 US State Regulations**

| Sodium chloride (7647-14-5) |  
|------------------------------|-----------------|
| U.S. - Texas - Effects Screening Levels - Long Term |
| U.S. - Texas - Effects Screening Levels - Short Term |

| Magnesium chloride (7786-30-3) |  
|-------------------------------|-----------------|
| U.S. - Texas - Effects Screening Levels - Long Term |
| U.S. - Texas - Effects Screening Levels - Short Term |

| Calcium chloride (10043-52-4) |  
|-------------------------------|-----------------|
| U.S. - Texas - Effects Screening Levels - Long Term |
| U.S. - Texas - Effects Screening Levels - Short Term |

### 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 |  
|-----------------------|-----------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| H302 | Harmful if swallowed |
| H319 | Causes serious eye irritation |

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.

SDS US (GHS HazCom) - US