1. Product and Company Identification

Product identifier: Frosty’s Nightmare Snow & Ice Melter
Other means of identification: Sodium Chloride, Magnesium Chloride
Recommended use: Melting Snow and Ice
Company information: Dart Seasonal Products, Inc.
100 Cedarhurst Ave
Cedarhurst, NY 11516
844-ICE MELT customerservice@dartsp.com
Emergency telephone number: 516-569-7669

2. Hazards Identification

Health hazards: Eye irritation. Cat 2A
Physical hazards: Not applicable
GHS Label elements:

- Signal Word: Warning
- Hazard statement: Harmful if swallowed. Causes eye irritation.
- Precautionary Statements: Wear protective clothing and gloves, eye and face gear, and respiratory protection. Wash hands, forearms and other exposed areas thoroughly after handling. If eyes irritate, rinse cautiously with water for several minutes; remove contact lenses.
- Storage: Keep in dry cool area.
- Disposal: Not applicable.
- Other hazards: Not applicable.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Substance/Mixture</th>
<th>Percentage</th>
<th>CAS Number</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>Percent</td>
<td>CAS # 7647-14-5</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Magnesium chloride</td>
<td>Percent</td>
<td>CAS # 7786-30-3</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Description of first aid measures

- **Inhalation**: When symptoms occur, remove victim to fresh air and keep at position most comfortable for breathing. Obtain medical attention if breathing difficulty persists.

- **Eye contact**: Rinse cautiously with water for several minutes. Remove contact lenses if possible. Get medical attention if irritation persists.
Skin contact  
Flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing and clean shoes thoroughly before reuse.

Ingestion  
Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

**Inhalation**  
No known significant effects or critical hazards.

**Eye contact**  
Causes eye irritation. Adverse symptoms may include irritation, watering and/or redness.

**Skin Contact**  
No known significant effects or critical hazards.

**Ingestion**  
No known significant effects or critical hazards.

Indication of any immediate medical attention and special treatment needed.

No specific treatment but if exposed or concerned, get medical advice and attention.

### 5. Fire-Fighting Measures

**Extinguishing media**

<table>
<thead>
<tr>
<th>Suitable extinguishing media</th>
<th>Use an extinguishing agent suitable for the surrounding fire.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsuitable extinguishing media</td>
<td>None known</td>
</tr>
</tbody>
</table>

**Specific hazards arising from the chemical**

<table>
<thead>
<tr>
<th>Fire hazard</th>
<th>Not considered flammable but may burn at high temperatures.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosion hazard</td>
<td>Product is not explosive.</td>
</tr>
<tr>
<td>Reactivity</td>
<td>When heated to decomposition, may emit irritating fumes.</td>
</tr>
</tbody>
</table>

**Special protective action for fire fighters**  
No special precaution is required.

**Special protective equipment for fire fighters**

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

### 6. Accidental Release Measures

**Personal precautions**  
Avoid breathing dust or fumes. Avoid all contact with skin or eyes.

**Protective equipment**  
Use appropriate personal protective equipment. Evacuate unnecessary personnel. For emergency personnel, equip cleanup crew with proper protection and ventilate area.

**Environmental precautions**  
Prevent entry to sewers and public waters. Avoid release to the environment.

**Methods for cleaning up spills**  
Clear up spills immediately. Recover the product by vacuuming, shoveling and sweeping. Dispose of waste safely and contact competent authorities if necessary.

### 7. Handling And Storage
Precautions for safe handling
When heated, may emit irritating fumes. Contact with water causes an exothermic heat reaction which causes a rise in the water temperature. Do not breathe vapors.

Safety measures
Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with soap and water after each use and before eating or drinking.

Safety conditions
Store in a dry, cool and well ventilated place. Keep container closed when not in use. Keep away from extremely high or low temperatures, direct sunlight, ignition source and incompatible materials like strong acids, oxidizers or reactive metals.

8. Exposure Controls/Personal Protection

Control parameters
No Occupational Exposure Limits (OEL's) have been established for this product or its chemical components.

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 and local regulations are observed. Ensure adequate ventilation.

- Personal protective equipment
  Protective goggles, protective clothing and gloves.

- Materials for protective clothing
  Chemically resistant materials and fabric. 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 product, do not eat or drink.

9. Physical And Chemical Properties

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
10. Stability And Reactivity

Reactivity
When heated to decomposition, emits irritating fumes.

Chemical Stability
Stable under normal conditions.

Possibility of Hazardous Reactions
Hazardous polymerization will not occur.

Conditions to avoid:
- Direct sunlight
- Extremely high or low temperatures.
- Incompatible materials.

Incompatible Materials:
- Strong acids
- Strong bases.
- Strong oxidizers.
- Reactive metals.

Hazardous Decomposition Products
Hydrogen chloride, Chlorine, Sodium oxides, Oxides of magnesium.

11. Toxicological Information

<table>
<thead>
<tr>
<th>Substance</th>
<th>LD50 Oral Rat</th>
<th>LC50 Inhalation Rat</th>
<th>EC50 Daphnia 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>3 g/kg</td>
<td>&gt;42 g/m³ (1 hour)</td>
<td></td>
</tr>
<tr>
<td>Magnesium Chloride</td>
<td>1000 mg/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2630 mg/kg</td>
<td></td>
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</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 or 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 irritation.
- Symptoms/Injuries after eye contact: Causes eye irritation.
- Symptoms/Injuries after ingestion: Ingestion is likely to be harmful or have adverse effects.

12. Ecological Information

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50 Fish 1</th>
<th>EC50 Daphnia 1</th>
<th>LC50 Fish 2</th>
<th>EC50 Daphnia 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species: Lepomis macrochirus</td>
<td>5560 (5560-6080) mg/l</td>
<td>1000 mg/l</td>
<td>12946 mg/l</td>
<td>340.7 (340.7 – 469.2) mg/l</td>
</tr>
<tr>
<td>EC50 Daphnia magna</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50 Fish 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species: Lepomis macrochirus</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50 Daphnia 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species: Daphnia magna</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rat</td>
<td></td>
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<td></td>
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<tr>
<td>LD50 Dermal Rat</td>
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<tr>
<td>LD50 Dermal Rat</td>
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</tr>
<tr>
<td>LD50 Dermal Rat</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
**Magnesium Chloride**

- **LC50 Fish 1**
  - Species: *Lepomis macrochirus*
  - EC50 Daphnia 1
    - Species: *Daphnia magna*
  - Persistence and degradability: No data available
  - Bioaccumulative potential: No data available
  - Mobility in soil: No data available
  - Other adverse effects: No known significant effects or critical hazards.

<table>
<thead>
<tr>
<th><strong>13. Disposal Considerations</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose waste material in accordance with all local, regional, national and international regulations.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>14. Transport Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Not regulated for travel.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>15. Regulatory Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety, health and environmental regulations specific for the product</td>
</tr>
<tr>
<td>No known specific regulations applicable to this product.</td>
</tr>
</tbody>
</table>

**US Federal regulations**

- SARA 302/304/311/312 Extremely hazard substance: No
- SARA 302/304/311/312 Hazard chemicals: No
- SARA 311/312 Hazard identification: Sodium chloride

**Clean air act section 112 hazardous air pollutants (HAPs)**: Not regulated

**Other federal regulations**

- Safe drinking water act (SDWA): Not regulated
- Food and drug administration (FDA): Not regulated
- **US state regulations**
  - CA Prop 65: No products were found
  - This product does not contain a chemical known to cause cancer, birth defects or other reproductive harm.

<table>
<thead>
<tr>
<th><strong>16. Other Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue date: 06/30/2015</td>
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</tbody>
</table>

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