HOMELAND INDUSTRIAL SUPPLY
Snow Shield Purple
Solid Commercial Deicer
Safety Data Sheet

Section 1: IDENTIFICATION

PRODUCT IDENTIFIER
Snow Shield Purple
Solid Commercial Deicer

RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE
Deicing/anti-icing highways, bridges, parking lots, and other pavements.

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
Manufacturer: Chemical Equipment Labs, Inc.

Distributor: Homeland Industrial Supply
Phone: (844)350-1550
Email: support@homelandindustrialsupply.com
Website: Homelandindustrialsupply.com

EMERGENCY TELEPHONE NUMBER
CHEMTREC (800) 424-9300
Outside continental USA (703) 527-3887

Section 2: HAZARD(S) IDENTIFICATION

CLASSIFICATION ACCORDING TO OSHA HAZCOM 2012
Hazard Class Not classified as hazardous

LABEL ELEMENTS ACCORDING TO OSHA HAZCOM 2012
There are no OSHA required label elements for this product.

CLASSIFICATION ACCORDING TO WHMIS (Canada)
Hazard Class Not controlled
WHMIS Hazard Symbols Not applicable
WHMIS Signal Word Not applicable

POTENTIAL HEATH EFFECTS
Eye Contact May cause temporary eye irritation. Corneal injury is unlikely.
Skin Contact Repeated contact may cause slight skin irritation or dry skin.
Inhalation may cause irritation or coughing.
Ingestion Ingestion of large quantities may cause nausea, vomiting, diarrhea and abdominal discomfort.
Effects of repeated exposure No effects other than described above are expected.
Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION: Snow Shield Purple is a blend of four ice melting chemicals.

MIXTURES

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No</th>
<th>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride</td>
<td>7647-14-5</td>
<td>92% - 95%</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>10043-52-4</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Magnesium Chloride</td>
<td>7791-18-6</td>
<td>Proprietary</td>
</tr>
<tr>
<td>CMA</td>
<td>76123-46-1</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

Section 4: FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURE

Eye
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, seek medical attention.

Skin
As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing.

Inhalation
If inhaled, move to fresh air and get medical advice.

Ingestion
If swallowed, give milk or water to drink and telephone for medical advice. 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

Eye
May cause eye irritation. Symptoms may include temporary discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin
As a precaution, wash skin thoroughly with soap and water. Remove and wash contaminated clothing.

Inhalation
Inhalation of dust during handling may cause respiratory tract irritation and coughing.

Ingestion
Ingestion of large quantities may cause nausea, vomiting, diarrhea and abdominal discomfort.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT

Specific treatments
If you fell unwell, seek medical advice immediately. Show the label or safety data sheet to medical personnel if possible.
Section 5: FIRE FIGHTING MEASURES

FLAMMABILITY
Flash Point (close up)  Nonflammable by OSHA/WHMIS criteria
Auto Ignition  Not applicable

EXTINGUISHING MEDIA
Suitable Extinguishing Media  Water, carbon dioxide, or dry chemical. Use extinguishing media appropriate for surrounding materials.

Unsuitable Extinguishing Media  Not applicable

SPECIAL HAZARDS
Hazardous Combustion Products  Normal combustion forms carbon dioxide and water
Explosion Limits  Data not available. Not considered to be explosion hazard.
Unusual Fire Hazard  None expected

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Special Protective Equipment for Firefighters  Wear NIOSH approved self-contained breathing apparatus (SCBA) with positive air pressure.

Section 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUSTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES
Avoid eye/skin contact with spilled material. Refer to Section 7 for additional handling precautions

Methods for Containment  If material is dissolved, contain and/or absorb spill with inert material (e.g. sawdust, sand, vermiculite).
Methods for Cleaning-UP  Scoop up material and transfer to disposal container. If needed, wash spillage area with plenty of water.

Section 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
Handling  Avoid eye contact. Avoid breathing dust when handling.

PRECAUTIONS FOR SAFE STORAGE, INCLUDING ANY COMPATIBILITIES
Storage  Store in tightly sealed original containers, away from direct heat and strong oxidizing agents. Do not store or handle product in systems constructed of wetted parts consisting of galvanized steel, zinc, or brass components.
Section 8: CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

TWA PEL: No specific limits have been established for this product. As a guideline, OSHA (United States) has established the following limits which are generally recognized for inert or nuisance dust. Particulates Not Otherwise Regulated (PNOR): 8-hour TWA of 15mg/m3 (total particulate) and 5 mg/m3 (respirable fraction).

TWA TLV: No specific limits have been established for this product. As a guideline, ACGIH (United States) has established the following limits which are generally recognized for inert or nuisance dust. Particulates (insoluble) Not Otherwise Classified (PNOC): 8-Hour TWA limits of 10 mg/m3 (as total dust) and 3 mg/m3 (as respirable)

EXPOSURE CONTROLS

Engineering Controls No special ventilation is usually necessary; however if operating conditions create high concentration of this material, special ventilation may be needed to keep exposure to airborne contaminants below the exposure limit.

INDIVIDUAL PROTECTIVE MEASURES/PERSONAL PROTECTIVE EQUIPMENT

Eye Protection Safety glasses or goggles are recommended if eye exposure to product or dust is possible.

Skin Protection Chemical-resistant gloves and clothing should be used if prolonged exposure is possible to prevent drying of skin.

Respiratory Protection Breathing of dust should be avoided. If operating conditions create high airborne concentrations of this material, the use of an approved respirator is recommended.
Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Purple Colored Crystals</td>
</tr>
<tr>
<td>ODOR</td>
<td>Odorless</td>
</tr>
<tr>
<td>ODOR THRESHOLD</td>
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</tr>
<tr>
<td>Ph (20°C, 68°F)</td>
<td>8-10 (10% aqueous solution)</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Decomposes</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>Not applicable</td>
</tr>
<tr>
<td>FLASH POINT</td>
<td>Not applicable</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>No data available</td>
</tr>
<tr>
<td>FLAMMABILITY/EXPLOSION LIMITS</td>
<td>Not applicable</td>
</tr>
<tr>
<td>VAPOR PRESSURE (20°C)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR = 1)</td>
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</tr>
<tr>
<td>RELATIVE DENSITY</td>
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</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Partially soluble</td>
</tr>
<tr>
<td>PARTITION COEFFICIENT; n-OCTANOL/WATER</td>
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</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>VISCOSITY (20°C)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>OXIDIZING PROPERTIES</td>
<td>Not oxidizing</td>
</tr>
<tr>
<td>EXPLOSIVE PROPERTIES</td>
<td>Not explosive</td>
</tr>
</tbody>
</table>

Section 10: STABILITY AND REACTIVITY

REACTIVITY
No dangerous reactions known under conditions of normal use.

CHEMICAL STABILITY
Stable. Polymerization will not occur.

POSSIBILITY OF HAZARDOUS REACTIONS
Avoid prolonged contact with reactive metals such as magnesium and zinc, especially in closed systems where hydrogen gas from the oxidation of these materials may accumulate over time.

INCOMPATIBLE MATERIALS
Strong oxidizing agents; strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS
May decompose into oxides of carbon.
Section 11: TOXICOLOGICAL INFORMATION

ACURTE TOCICITY
LD50 rat-oral: 300 mg/kg
LC50 rat-inhalation: >5000 mg/m³
LD50 rat-dermal: >5000 mg/kg
Dermal irritation rabbit: Non-irritating
Ocular irritation rabbit: Moderate redness/discharge and some swelling of iris at 1 hr.; insignificant signs of irritation at 24 hr.; all signs cleared at 72 hr.
Sub-chronic oral: No effects after 28 consecutive days dosing at 100 mg/kg/day.

LIKELY ROUTES OF EXPOSURE
Skin contact, eye contact, ingestion

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL, AND TOXICOLOGICAL CHARACTERISTICS
Eye
May cause eye irritation. Symptoms may include temporary discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin
May cause itching or irritation of any cut or abraded skin. Symptoms of prolonged contact may include dry skin.

Inhalation
Inhalation of dust during handling may cause respiratory tract irritation and coughing. This product is not otherwise expected to be an inhalation hazard.

Ingestion
Ingestion of large quantities may cause nausea, vomiting, diarrhea and abdominal discomfort.

DELAYED AND IMMEDIATE EFFECTS AND CHRONIC EFFECTS FROM SHORT- AND LONG-TERM EXPOSURE/NUMERICAL MEASURES OF TOXICITY

Skin Corrosion/Irritation
Based on available data, the classification criteria are not met.

Serious Eye Damage/Irritation
Based on available data, the classification criteria are not met.

Respiratory or Skin Sensitization
Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
This product does not contain any ingredients that are considered to be carcinogens by IARC, NTP, or OSHA.

Reproductive Toxicity
Based on available data, the classification criteria are not met.

STOT-Single Exposure
Based on available data, the classification criteria are not met.

STOT-Repeated Exposure
Based on available data, the classification criteria are not met.

Aspiration Hazard
Based on available data, the classification criteria are not met.

Section 12: ECOLOGICAL INFORMATION

ECOTOXICITY (AQUATIC AND TERRESTRIAL)
Not expected to cause long-term adverse effects in the aquatic or terrestrial environments.

PERSISTANCE AND DEGRADABILITY
Readily biodegradable. COD (TOD): 0.75 g O₂/g deicer; BOD₂₀ (2⁰C): 0.40 g O₂/g deicer, BOD₂₀ (10⁰C): 0.67

BIOACCUMULATIVE POTENTIAL
Bioaccumulation is not expected.
Section 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT AND METHODS OF DISPOSAL
Based on available information, this product is neither listed as a hazardous waste nor does it exhibit any of the characteristics that would cause it to be classified as a characterized waste under RCRA. This product may be absorbed onto suitable materials and disposed of in a sanitary landfill unless local, state, or provincial regulations prohibit such disposal.

Section 14: TRANSPORT INFORMATION

TRANSPORT INFORMATION
Not regulated as dangerous goods per US DOT or IATA.

Section 15: REGULATORY INFORMATION

INVENTORY LISTS
All of the components in this product are on the following inventory lists: USA (TSCA), Canada (DSL/NDSL), Europe (EINECS)

TSCA SECTION 12(b)
None of these chemicals in this are listed under TSCA Section 12(b).

CERCLA HAZARDOUS SUBSTANCES
There is no CERCLA Reportable Quantity for this material

SARA 311 CATEGORIES
Immediate (Acute) Health Hazard: Yes
Delayed (Chronic) Health Hazard: No
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactivity Hazard: No

SARA 313
None of the components in this product are subject to reporting under SARA Section 313.

CLEAN WATER ACT
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.
STATE RIGHT-TO-KNOW
This product does not contain components at levels which are required to be reported under the statues of the following: PA, MA, MN, and NJ.
This product does not contain materials known to the State of California (Proposition 65) to cause cancer and/or reproductive harm at levels which would require a warning under the statue.

<table>
<thead>
<tr>
<th>NFPA 704</th>
<th></th>
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<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Fire</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>0</td>
</tr>
<tr>
<td><strong>Hazard Rating</strong></td>
<td><strong>0-4 0-least hazardous; 4-most hazardous</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS – Hazardous Materials Identification System</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Fire</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>0</td>
</tr>
<tr>
<td><strong>Hazard Rating</strong></td>
<td><strong>0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = severe</strong></td>
</tr>
</tbody>
</table>

Section 16: OTHER INFORMATION

SDS REVISION DATE

Revision date: September 15, 2016
Expiration date: September 15, 2019

Latest version of this SDS can be obtained from Chemical Equipment Labs, Inc.

NOTE TO EMPLOYER

This Safety Data Sheet contains environmental, health and toxicology information for your employees. Please ensure this information is provided to them. It also contains information to help you meet community right-to-know/emergency response reporting requirements under SARA Title III and many other laws. If you resell this product, this SDS must be given to the buyer or the information incorporated in you SDS. Discard any previous edition of this SDS.

DISCLAMIER

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, Chemical Equipment Labs, Inc. makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for the reliance thereon. Chemical Equipment Labs, Inc. assumes no responsibility for any injury or loss resulting from the use of the product described herein. User should satisfy himself that he has all current data relevant to his particular use.

End of Safety Data Sheet