1. CHEMICAL PRODUCT

PRODUCT NAME: MELTZ-IT, Snow and Ice Melt
PRODUCT CODE: 510620

NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Harmful if swallowed. May cause burns to mucous membranes of mouth, throat, and digestive tract. Low toxicity in small quantities.

SKIN CONTACT: Repeated or prolonged contact may irritate moderately. May cause skin burns.

INHALATION: Inhalation of dust or mist may cause nose and respiratory irritation.

EYE CONTACT: May cause severe eye irritation. May cause Eye Burns. Possible tissue damage.

CHRONIC EFFECTS: None known.

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.

ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>PRODUCT COMPOSITION</th>
<th>%</th>
<th>ACGIH TLV</th>
<th>OSHA PELs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium chloride</td>
<td>90-92</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>1-2</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Potassium chloride</td>
<td>2-3</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SKIN: Wash with soap and water. Continue rinsing until "slippery" feeling is gone. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

INHALATION: Move person to fresh air. Aid breathing if necessary.

EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

NOTES TO PHYSICIAN: Treatment based on sound judgment of physician and individual reactions of patient.
5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): None (C): Not determined
METHOD: None

FLAMMABLE LIMITS IN AIR
LOWER (%): No data
UPPER (%): No data

SENSITIVITY TO MECHANICAL IMPACT (Y/N): NO
SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA: Product will not support combustion. As for surrounding fire.

FIRE FIGHTING PROCEDURES:
Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:
SMALL SPILLS: Reclaim as much as possible. Flush residue with water.
LARGE SPILLS: Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers. Flush remainder with water.

PERSONAL PRECAUTIONS: Not applicable
ENVIRONMENTAL PRECAUTIONS: Not applicable
METHODS FOR CLEANING UP: Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not breathe dusts. Store only in original container and keep closed. Store in a cool, dry area. Always add only small amounts of product to water at any one time, while continuously stirring. Mix only with cool water. Avoid contact with eyes, skin and clothing.
OTHER PRECAUTIONS: Read and follow label instructions. Keep out of reach of children.
SPECIFIC USE(S): Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS: None known.
RESPIRATORY PROTECTION: Use NIOSH approved dust respirator.
PROTECTIVE GLOVES: Rubber or plastic gloves recommended to minimize skin contact.
EYE PROTECTION: Goggles. Safety Glasses.
OTHER PERSONAL PROTECTION EQUIPMENT: Appropriate protective clothing as needed to prevent skin contact.
VENTILATION: General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F): > 1500 F, > 815 C (C): Not determined
VAPOR PRESSURE: < 0.005 mmHg @ 20 C
VAPOR DENSITY (AIR=1): NA
SOLUBILITY IN WATER: Very soluble
SPECIFIC GRAVITY: 2.2
VOC Content (%): None
EVAPORATION RATE: Not determined
PH: Not determined
9. PHYSICAL AND CHEMICAL PROPERTIES

10. STABILITY AND REACTIVITY

STABILITY DATA:
STABLE

POLYMERIZATION:
Will Not Occur.

HAZARDOUS DECOMPOSITION:
None known.

INCOMPATIBILITY (MATERIALS TO AVOID):
Contact with copper, aluminum or iron may cause corrosion and product degradation. Reacts with sulfuric acid to form hydrogen chloride, which is corrosive, irritating, and reactive. Avoid contact with aluminum, zinc, other soft metals or galvanized metals. Reaction will generate hydrogen gas. This gas is flammable and/or explosive in presence of ignition source.

CONDITIONS/HAZARDS TO AVOID:
None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:
SKIN: The LD50 for skin absorption in rabbits is > 5000 mg/Kg. INGESTION: The oral LD50 for rats is between 967 - 1668 mg/Kg. MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): For CACl2, in vitro genetic toxicity studies were negative.

EFFECTS OF CHRONIC EXPOSURE:
Not established.

OTHER TOXIC EFFECTS:
Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:
Acute LC50 in water flea daphnia magna is 759-3005. Based largely or completely on data for major component(s). Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50 >100 mg./L in most sensitive species). Acute LC50 in bluegill (Lepomis Macrochirus) is 8400-10650 mg./L. Acute LC50 in mosquito fish (Gambusia affinis) is 13400 mg./L.

CHEMICAL FATE INFORMATION:
MOVEMENT & PARTITIONING: Partitioning from water to n-octanol is not applicable. DEGRADATION & PERSISTANCE: Inhibitory concentration (LC50) in OECD Activated Sludge Respiration is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50 > 100 mg./L in most sensitive species).

MOBILITY:
Not applicable.

PERSISTENCE/DEGRADABILITY:
Not applicable

BIOACCUMULATIVE POTENTIAL:
Not applicable

OTHER ADVERSE EFFECTS:
Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:
Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>PRODUCT COMPOSITION</th>
<th>%</th>
<th>TSCA:</th>
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None of the components of this material are included in the Massachusetts Substance List nor are present at or above reportable levels.
None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.
None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***