



# MELTZ-IT, Snow and Ice Melt

## 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

APPEARANCE AND ODOR:	Solid. White. Pellets. Odorless.	
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	

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## 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 CACI2, 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

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Calcium chloride 10043-52-4	90 - 92	Listed	Listed	Listed	Not Listed
Sodium chloride 7647-14-5	1 - 2	Listed	Listed	Listed	Not Listed
Potassium chloride 7447-40-7	2 - 3	Listed	Listed	Listed	Not Listed

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<b>PRODUCT COMPOSITION CAS#</b>	<b>%</b>	<b>CERCLA:</b>	<b>SARA 302:</b>	<b>SARA 313:</b>
Calcium chloride 10043-52-4	90 - 92	Not Listed	Not Listed	Not Listed
Sodium chloride 7647-14-5	1 - 2	Not Listed	Not Listed	Not Listed
Potassium chloride 7447-40-7	2 - 3	Not Listed	Not Listed	Not Listed

<b>PRODUCT COMPOSITION CAS#</b>	<b>%</b>	<b>Canada WHMIS:</b>
Calcium chloride 10043-52-4	90 - 92	<row><value>D2B</value></row> D2B
Sodium chloride 7647-14-5	1 - 2	Listed
Potassium chloride 7447-40-7	2 - 3	Listed

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 \*\*\***