



# PURPLE FLAME COMMERCIAL ICE MELTER

#61006, #61007, #61008, #61009, #61010



## MATERIAL SAFETY DATA SHEET

**MANUFACTURED FOR:** Triple S, 2 Executive Park Dr., Billerica, MA 01862, 1-800-323-2251

**EMERGENCY TELEPHONE:** 1-888-779-1339

**HMIS HAZARD RATING:** Health = 0, Fire = 0, HMIS Reactivity = 0  
Hazard Scale: 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

### SECTION 1 - PRODUCT INFORMATION

1. T.D.G. Classification..... Not regulated
2. UN Number..... Not applicable
3. Packing Group..... Not applicable
4. Product Name..... Purple Flame Commercial Ice Melter
5. WHMIS Classification .. Not applicable

#### Chemical Formula

6. Sodium Chloride.....(CAS Number 7647-14-5)
7. Potassium Chloride ....(CAS Number 7447-40-7)
8. Calcium Chloride.....(CAS Number 10043-52-4)
9. Magnesium Chloride ..(CAS Number 7791-18-6)
10. Purple Color Indicator (CAS Number N/A)

11. Chemical Family ..... Not regulated
12. Product Use ..... Ice melting
13. CAS #..... Not applicable
14. Available Packaging..... 50lb bag

### SECTION 2 - HAZARDOUS INGREDIENTS

1. Hazardous Ingredients.....No hazardous substances present in reportable amounts
2. Percentage.....Not applicable
3. LD/50, Route, Specie.....Not applicable
4. LC/50, Route, Specie.....Not applicable

### SECTION 3 - PHYSICAL DATA

1. Physical State .....Solid
2. Appearance & Odor .....Purple crystalline solid
3. Vapor Pressure (mm Hg at 20C).....Not applicable
4. Vapor Density (Air = 1.0).....Not applicable
5. Bulk Density.....Not applicable
6. Solubility in Water .....Water Soluble
7. Specific Gravity (gm/cc, Water = 1.0) ..Not applicable
8. % Volatile by Volume .....Non volatile
9. Boiling Range (Deg. Fahrenheit) .....Not applicable
10. Melting/Freezing Point (Deg. F).....-10°F
11. Coefficient of Water/Oil Distribution.....Not applicable
12. pH .....10 (1 % solution @ 68°F)

### SECTION 4 - FIRE AND EXPLOSION DATA

1. Flash Point.....Not applicable
2. Auto ignition Temperature (Deg. C) ....Not auto-ignitable
3. Flammability Limits in Air (%) LEL .....Product: non-flammable and not considered a fire hazard
4. Flammability Limits in Air (%) UEL.....Not applicable
5. Fire Extinguishing Media.....Not applicable
6. Fire Fighting Procedures.....Not applicable
7. Other Fire or Explosion Hazards.....Not applicable
8. Sensitivity to Mechanical Impact.....Not sensitive
9. Rate of Burning .....Not applicable
10. Explosive Power .....None
11. Sensitivity to Static Discharge.....None
12. Hazardous Combustion Products .....None

### SECTION 5 - REACTIVITY DATA

#### Chemical Stability

1. Under Normal Conditions.....Stable under normal conditions
2. Under Fire Conditions.....Not applicable
3. Hazardous Polymerization.....Will not occur
4. Conditions to Avoid .....None
5. Materials to Avoid.....Strong oxidizers
6. Hazardous Decomposition.....Hydrogen Chloride

### SECTION 6 - TOXICOLOGICAL PROPERTIES

1. Route of entry into the body.....Eye, skin, inhalation and ingestion
2. Effects of acute exposure to product ..Eye: can cause mild to moderate temporary infection  
.....Skin: contact with abraded skin may cause mild irritation or rash
3. Inhalation of dust:.....May cause nose, throat and respiratory tract irritation and coughing
4. Effects of chronic exposure to product..Not known at this time
5. Exposure limits.....Not applicable
6. Irritancy of product .....Non hazardous by WHMIS criteria
7. Sensitization of product.....Not available
8. Carcinogenicity of product .....Non hazardous by WHMIS criteria
9. Reproductive toxicity.....Not available
10. Teratogenicity.....Not available
11. Mutagenicity.....Insufficient data available
12. Synergistic effects.....Not available

### SECTION 7 - PREVENTIVE MEASURES

1. Specific Engineering controls required .....Local exhaust for dust
2. Procedures to be followed in case of spill/leak.....Small spills: May be flushed away with water or sweep up.  
.....Large spills: Sweep or scoop up for reuse or disposal.
3. Waste Disposal .....Small spills: May be sewerred.  
.....Large spills: Should be disposed of in landfill according to regulations.
4. Protective Equipment to be used.....While this product is considered non-hazardous, good industrial practice suggests the use of proper eye protection and gloves.
5. Storage Needs.....Store away from strong oxidizing agents.
6. Handling procedures and equipment ..Store in dry area. Keep container closed.
7. Special shipping information .....Not applicable

### SECTION 8 - FIRST AID MEASURES

1. **EYE CONTACT** ..... Flush eyes with flowing water. If irritation or redness are severe or persist, consult physician.
2. **SKIN CONTACT** ..... Flush skin with running water.
3. **INGESTION** ..... Drink liquids to dilute and consult physician.
4. **INHALATION** ..... Move victim to fresh air.

### SECTION 9 - PREPARATION INFORMATION

1. Emergency Phone No.....1-888-779-1339
2. Date .....June 2010

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