# UltraPro Premium Ice Melter with Instaheat

**UltraPRO Products** Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date: 09/29/2015 Supersedes: 09/01/2011 Version: 1.0

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product name : UltraPro Premium Ice Melter with Instaheat

Product form : Mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Ice Melter/De-Icer

### 1.3. Details of the supplier of the safety data sheet

UltraPRO Products
PO Box 195
Plumsteadville, PA 18949
215-857-2839

### 1.4. Emergency telephone number

Emergency number : 215-857-2839

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**GHS-US classification**

### 2.2. Label elements

**GHS-US labelling**

No labelling applicable

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name | Product identifier | % | GHS Classification |
|---|---|---|---|
| Contains no hazardous ingredients at levels requiring disclosure by the OSHA Hazard Communication Standard (29 CFR 1910.1200). | | 100 | |
| Sodium chloride | (CAS No) 7647-14-5 | Proprietary | Not classified |
| Calcium chloride | (CAS No) 10043-52-4 | Proprietary | Acute Oral Toxicity 4, Eye Irritant 2A |
| Potassium chloride | (CAS No) 7447-40-7 | Proprietary | Not classified |
| Acetic acid, calcium magnesium salt | (CAS No) 76123-46-1 | Proprietary | Not classified |
| Proprietary Ingredient | Trade Secret | Proprietary | Not classified |
| Magnesium chloride, hexahydrate | (CAS No) 7791-18-6 | Proprietary | Not classified |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a comfortable position for breathing.

First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes.

First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May cause respiratory irritation.

Symptoms/injuries after skin contact : May cause skin irritation.

Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.

Symptoms/injuries after ingestion : May cause gastrointestinal irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media**

Suitable extinguishing media : Dry chemical. Foam. Water spray. Sand.

Unsuitable extinguishing media : None known.

**5.2. Special hazards arising from the substance or mixture**

Fire hazard : No data to indicate that product is flammable.

Explosion hazard : Product is not explosive.

Reactivity : Product is hygroscopic and may give off heat while dissolving.

**5.3. Advice for firefighters**

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

General measures : Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8). Evacuate area. Ventilate area. Keep upwind.

**6.1.1. For non-emergency personnel**

Protective equipment : Wear Protective equipment as described in Section 8.

Emergency procedures : Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

**6.2. Environmental precautions**

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

**6.3. Methods and material for containment and cleaning up**

For containment : Contain and collect as any solid. Prevent entry to sewers and public waters.

Methods for cleaning up : Sweep up loose material. Place residues in suitable, covered, and labeled container. Dispose of material in compliance with local, state, and federal regulations.

**6.4. Reference to other sections**

No additional information available

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Use appropriate personal protection equipment (PPE). Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. If diluting, the heat developed during diluting or dissolving is very high. Use cool water (less than 80°F) and add material to water.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions : Keep container tightly closed. Store in a dry, cool and well-ventilated place. Protect from atmospheric moisture.

Incompatible materials : Moisture. Refer to Section 10 on Incompatible Materials.

Storage area : Store in a well-ventilated place.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

Not applicable.

### 8.2. Exposure controls

| | | |
|---|---|---|
| Appropriate engineering controls | : | Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas. |
| Personal protective equipment | : | Protective goggles. Gloves. Protective clothing. |

| | | |
|---|---|---|
| Hand protection | : | Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. |
| Eye protection | : | Use eye protection suitable to the environment. Avoid direct contact with eyes. |
| Skin and body protection | : | Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure. |
| Respiratory protection | : | Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment. |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Solid |
| Appearance | : | Green colored crystals with pellets and flakes. |
| Color | : | Green. |
| Odor | : | No data available |
| Odor Threshold | : | No data available |
| pH | : | No data available |
| Relative evaporation rate (butylacetate=1) | : | 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 |
| Vapour pressure | : | No data available |
| Relative vapour density at 20 °C | : | No data available |
| Relative density | : | No data available |
| Solubility | : | No data available |
| Log Pow | : | No data available |
| Log Kow | : | No data available |
| Viscosity, kinematic | : | No data available |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | No data available |
| Oxidising properties | : | No data available |
| Explosive limits | : | No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Product is hygroscopic and may give off heat while dissolving.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Contact with certain metals.

### 10.5. Incompatible materials

Sulfuric acid. Metals may corrode in aqueous calcium chloride solutions. Avoid contact with brass, steel, aluminum, ferrous metals or alloys thereof. Leather clothing and shoes may be damaged by calcium chloride. Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Reacts slowly with (some) metals: release of highly flammable gases/vapours hydrogen. Product attracts moisture and gives off heat while dissolving. May produce toxic and noxious fumes under extreme fire conditions. Strong oxidizing agents will release chlorine. Liberates chlorine upon thermal decomposition.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| | | |
|---|---|---|
| Acute toxicity | : | Not classified |
| Skin corrosion/irritation | : | Not classified |
| Serious eye damage/irritation | : | Not classified |
| Respiratory or skin sensitisation | : | Not classified |
| Germ cell mutagenicity | : | Not classified |
| Carcinogenicity | : | Not classified |
| Reproductive toxicity | : | Not classified |
| Specific target organ toxicity (single exposure) | : | Not classified |
| Specific target organ toxicity (repeated exposure) | : | Not classified |
| Aspiration hazard | : | Not classified |
| Symptoms/injuries after inhalation | : | May cause respiratory irritation. |
| Symptoms/injuries after skin contact | : | May cause skin irritation. |
| Symptoms/injuries after eye contact | : | Direct contact with the eyes is likely to be irritating. |
| Symptoms/injuries after ingestion | : | May cause gastrointestinal irritation. |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Based largely or completely on data for major components: this material is practically non-toxic to aquatic organisms on an acute basis (LC50 greater than 100 mg/L in most sensitive species).

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Waste disposal recommendations : Dispose of in accordance with local/national regulations. Do not allow the product to be released into the environment.

## SECTION 14: Transport information

In accordance with DOT

Not hazardous for transport

**Additional information**

Other information : No supplementary information available.

**Transport by sea**

No additional information available

**Air transport**

No additional information available

## SECTION 15: Regulatory information

**15.1. US Federal regulations**

| **UltraPro Premium Ice Melter with Instaheat** | |
|---|---|
| All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt | |
| SARA Section 311/312 Hazard Classes | None |

**15.2. International regulations**

**CANADA**

No additional information available.

**15.3. US State regulations**

**California Proposition 65**

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

## SECTION 16: Other information

Revision date : 09/29/2015

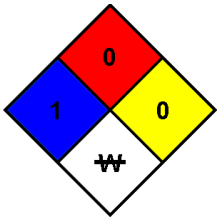
Other information : Author: ZPT.

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

NFPA specific hazard : W - Unusual reactivity with water. This indicates a potential hazard using water to fight a fire involving this material. When a compound is both water-reactive and an oxidizer, the W/bar symbol should go in this quadrant and the OX warning is placed immediately below the NFPA diamond.




**HMIS III Rating**

Health : 1

Flammability : 0

Physical : 0

Personal Protection :

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product