



# Material Safety Data Sheet

## SECTION 01: PRODUCT & COMPANY IDENTIFICATION

**PRODUCT NAME:** **PROMELT SLICER EXTREME**

**MANUFACTURER:** **Innovative Surface Solutions**  
78 Orchard Road,  
Ajax, Ontario, L1S 6L1, Canada.

**Effective date:** December, 2011.

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**EMERGENCY PHONE NUMBER:** **613-996-6666**  
24 Hours/Day: 7 Days/Week

**FOR MORE INFORMATION CALL:**  
1-800-387-5777  
905-427-0318

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**Trade name:** ProMelt Slicer Extreme  
**Material uses:** De-icing  
**WHMIS classification:** Not controlled  
**Chemical family:** Complex chloride mainly sodium & magnesium chloride

## SECTION 02: COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENTS:	CAS #	% by Weight
Sodium Chloride	7647-14-5	78.0%
Magnesium Chloride	7786-30-3	9.4 %
Proprietary Ingredients	-	2.0 - 3.0%

## SECTION 03: PHYSICAL DATA

**Physical state:** Solid  
**Odor / appearance:** Odorless/ white and pink  
**Odor threshold:** n/a  
**Specific gravity:** 1080 Kg/m<sup>3</sup> or 67.5 lbs/ft<sup>3</sup>  
**pH:** n/a  
**Vapor pressure:** n/a  
**Solubility in water:** Soluble in water 92-99%  
**% Volatile:** Negligible  
**Coefficient of water / oil distribution:** n/a  
**Vapor density:** n/a

## SECTION 04: FIRE & EXPLOSION HAZARD

**Flammability:** No.  
**If yes under what conditions:** n/a  
**Means of extinguishing:** n/a  
**Special procedure:** None.  
**Flash point:** n/a  
**Upper explosion limit:** n/a  
**Lower explosion limit:** n/a  
**Auto ignition temperature:** n/a

Sensitivity to mechanical impact: n/a  
Sensitivity to static discharge: n/a

#### **SECTION 05: REACTIVITY DATA**

Chemical stability: Yes  
If no under what conditions: n/a  
Incompatibility with other substances: Yes  
If so, which ones: Concentrated acids, sulphuric or nitric  
Reactivity under what conditions: n/a  
Hazardous decomposition products: Hydrochloric acid

#### **SECTION 06: HEALTH HAZARDS**

Route of entry: Skin contact and ingestion  
Effect of acute exposure to material: Very low toxicity, may cause slight irritation to eyes or skin, ingestion or large amounts may cause vomiting.  
Effect of chronic exposure to material: n/a  
Exposure limit: n/a  
Synergetic material: None  
Irritancy of material: n/a  
Sensitivity of material: Does not occur  
Carcinogenetic, reproductive effects: None

#### **SECTION 07: FIRST AID MEASURES**

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.  
Skin contact: Remove from skin by wiping and washing thoroughly with water.  
Inhalation: Remove victim to fresh air.  
Ingestion: If discomfort exists, induce vomiting. Seek medical attention immediately

#### **SECTION 08: PREVENTATIVE MEASURES**

Eye contact: Wear safety goggles.  
Skin contact: Wear rubber gloves, boots and long sleeve shirts  
Inhalation: For dusty or misty conditions, wear NIOSH approved dust or mist respirator.  
Engineering controls: Mechanical ventilation recommended in enclosed areas.  
Waste disposal: Dispose of material in government approved landfill site in accordance with local laws.  
Handling procedures and equipment: Wash skin and equipment with water.  
Storage requirements: Store in cool dry area.  
Special shipping information: No special shipping procedures.

#### **SECTION 09: PREPARATION INFORMATION**

Prepared by: Innovative Surface Solutions  
Telephone #: 905-427-0318  
Preparation date: December, 2011  
Superseded date: ALL PREVIOUS VERSIONS