



# Material Safety Data Sheet

## SECTION 01: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: **PROMELT ULTRA**

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

Effective date: **December, 2011.**

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

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

Trade name: ProMelt Ultra  
Material uses: De-icing  
WHMIS classification: Not controlled  
Chemical family: Complex chloride mainly sodium chloride

## SECTION 02: COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENTS:	CAS #	% by Weight
Sodium Chloride	7647-14-5	94.0%
Magnesium Chloride	7786-30-3	3.5%
Proprietary Ingredients	n/a	0.8%

## SECTION 03: PHYSICAL DATA

Physical state: Solid  
Odor / appearance: Pleasant / grey, green  
Odor threshold: n/a  
Specific gravity: 2.2 g/cm<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

<b>SECTION 05:</b>	<b>REACTIVITY DATA</b>
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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

<b>SECTION 06:</b>	<b>HEALTH HAZARDS</b>
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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
Carcinogenic, reproductive effects:	None

<b>SECTION 07:</b>	<b>FIRST AID MEASURES</b>
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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

<b>SECTION 08:</b>	<b>PREVENTATIVE MEASURES</b>
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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.

<b>SECTION 09:</b>	<b>PREPARATION INFORMATION</b>
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Prepared by:	Innovative Surface Solutions
Telephone #:	905-427-0318
Preparation date:	December, 2011
Superseded date:	ALL PREVIOUS VERSIONS