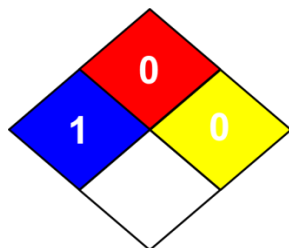


Safety Data Sheet

Version: 7.0

Preparation Date: March, 2019
Supersedes All Previous Versions

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION



Product Name: PROMELT PLUS
Product Use: De-icing, Anti-icing, Dust Control,
Manufacturer/Distributor: Innovative Surface Solutions
78 Orchard Road 454 River Road
Ajax, Ontario Glenmont, NY
L1S 6L1 12077
Telephone: 1-800-387-5777 1-800-257-5808
24-Hour Emergency Telephone: 1-800-424-9300
WHMIS Classification: Not controlled
Chemical Family: Inorganic salt solution

SECTION 2: HAZARD(S) IDENTIFICATION

Physical Not Hazardous	GHS Classification Health Eye irritation Category 2A	Environment Not Hazardous
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GHS hazard Pictogram



Signal Word
Hazard Statement

Warning
H319 Causes Serious Eye Irritation
P280 Wear Protective Gloves / Protective Clothing / Eye Protection / Face Protection
P264 Wash hands thoroughly after handling
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: get medical advice / attention.

Precautionary Statements

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	% by Weight
Calcium Chloride	10043-52-4	16.81 – 18.81
Magnesium Chloride	7647-14-5	2.88 – 4.88
Sodium Chloride	7791-18-6	< 1.0

SECTION 4: FIRST-AID MEASURES

Eye	Flush promptly with plenty of water, continuing for at least 15 minutes. Get medical attention
Skin	Wash with plenty of water
Ingestion	If conscious, immediately give 2 to 4 glasses of water, and induce vomiting by touching finger to the back of throat. Get medical attention for irritation, or discomfort from inhalation.
Inhalation	Remove to fresh air.
Most Important Symptoms	May cause slight eye and skin irritation.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media Appropriate extinguishing media. This product is not combustible. Choose media depending on surrounding fire. All extinguishing medias are allowed.

Specific Hazards Arising from the Chemical Expose to temperature above 160 C gives formation of toxic chloride gases

Protective Equipment and Precaution Protective actions and / or special protective equipment depending on surrounding fire. Aqueous solutions may cause surfaces to be extremely slippery and cause a slip hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Risks and Spills	Small spills can be washed away with water For large spills cordon off the spill area, collect and or absorb liquid with an inter absorbent and place in appropriate container for disposal. Flush spill area with water Report releases as per local, state and federal authorities
Protective Equipment and Exposure Control	See Section 9 for details

SECTION 7: HANDLING & STORAGE

Precaution for Safe Handling	Wear protective clothing and equipment. Avoid contact with eyes, skin and clothing. Avoid breathing mist or aerosols Wash your skin thoroughly with soap and water after handling, if product comes in contact
Safe Storage / Incompatibilities	Store in cool, dry, well-ventilated area away from incompatible material Carbon Steel, polyester, polyethylene and polypropylene are suitable material for construction

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Control	Not established, no special precaution required
Respiratory Protection	For dusty or misty conditions, wear NIOSH approved dust or mist respirator
Skin Protection	Wear rubber gloves, boots and long sleeve shirts
Eye Protection	Wear safety goggles

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance Odor:	Clear colorless Odorless
Odor Threshold:	Not established
Specific Gravity:	1.20 g/mL
pH:	7.8 in 20% water solution
Vapor Pressure:	0.1 Pa at 20 C
Solubility in Water:	Completely soluble in water
% Volatile:	Not determined
Vapor Density:	Not determined

SECTION 10: STABILITY & REACTIVITY

Reactivity / Chemical Stability	Can react with strong reducing or oxidizing agents
Conditions to Avoid	None known
Incompatible Material	React violently with bromine trifluoride (BrF ₃), or a mixture of boron trioxide (B ₂ O ₃ +CaO). Water – reactive materials, such as sodium: causes an exothermic reaction. Methyl Vinyl ether: start runaway polymerization. Zinc as in galvanized iron: yield hydrogen gas, which may explode under these conditions
Hazardous Decomposition Products	Fumes of chlorides (Cl-) are given off at temperature above 1600 C / 2912 F

SECTION 11: TOXICOLOGICAL INFORMATION

Ingestion	Ingestion may cause slight irritation with nausea, vomiting and diarrhea.
Inhalation	Inhalation of mist may cause slight irritation of nose, throat and upper respiratory tract.
Eye	May cause minor irritation with pain and tearing.
Skin	May cause slight irritation on prolonged or repeated contact.
Carcinogenicity	None of the component in the product is listed as carcinogen or suspected carcinogen by IARC, NTP or OSHA.
Reproductive Toxicity	None.
Chronic	None know.
Ingestion	Ingestion may cause slight irritation with nausea, vomiting and diarrhea.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity	No data available.
Persistence and Degradability	Not applicable.
Bio accumulative Potential	No data available.
Mobility in Soil	No data available.
Other Adverse Effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name	Not regulated
UN Number	None
Hazard Class / packing Group	None
Label Required	None

SECTION 15: REGULATORY INFORMATION

DOT hazard material Description	Not regulated, no label required
CERCLA	This product is not subjected to CERCLA release reporting. Many States have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
SARA Hazard Category (311 / 312)	Not Hazardous
SARA 313	None
EPA TSCA Inventory	All of the ingredients in this product are listed on the EPA TSCA Inventory.
CEPA	All the components of this product are listed on the Canadian DSL

SECTION 16: PREPARATION INFORMATION

Prepared By:	Innovative Surface Solutions
Telephone:	905-427-0318
Preparation Date:	March, 2019
Superseded Date:	ALL PREVIOUS VERSIONS