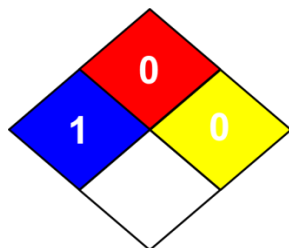


Safety Data Sheet

Version: 7.0

Preparation Date: March, 2019
Supersedes All Previous Versions

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION



Product Name: PROMELT PLUS 20
Product Use: De-icing, Stockpile Treatments, Dust Control, Tire Ballasting,
Manufacturer/Distributor: Innovative Surface Solutions
78 Orchard Road
Ajax, Ontario
L1S 6L1
454 River Road
Glenmont, NY
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	16.97 – 19.97
Magnesium Chloride	7647-14-5	2.92 – 4.92
Sodium Chloride	7791-18-6	< 1.0
Proprietary Ingredients	-	10 - 11

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
See Section 9 for details

Protective Equipment and Exposure Control

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:

1.30 g/mL

pH:

7.4 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 (BrF₃), or a mixture of boron trioxide (B₂O₃+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