

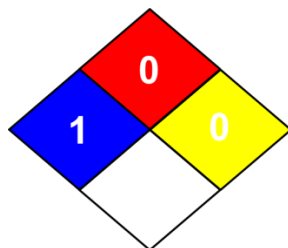
Safety Data Sheet

Version: 7.0

Preparation Date: July 2026

Supersedes All Previous Versions

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION



Product Name:	PROMELT MAG PLUS 22%, PROMELT MAG PLUS 26%, PROMELT MAG PLUS, PROMELT MAG PLUS 30%, PROMELT ESSENTIAL PLUS BRINE, PROGUARD MAG PLUS, PROMELT FOR SALT PLUS	
Product Use:	De-icing, Anti-icing, Dust Control, Stockpile Treatment	
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

GHS hazard Pictogram



Signal Word

Hazard Statement

Precautionary Statements

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.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	% by Weight
Magnesium Chloride	7786-30-3	16.49 – 22.90
Calcium Chloride	10043-52-4	4.5 – 6.53
Sodium Chloride	7647-14-5	0.0 – 0.8

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 media are allowed.
Specific Hazards Arising from the Chemical	Exposed 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

Safe Storage / Incompatibilities

Wash your skin thoroughly with soap and water after handling, if product comes in contact

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 amber (available as blue and orange) | Odorless

Odor Threshold:

Not established

Freeze Point:

-17 to -33 C

Boiling Point:

N / A

Flammability:

Non-Flammable

Lower Flammability or exposure limit:

N / A

Upper Flammability or explosion limit:

N / A

Flash Point:

N / A

Auto Ignition Temperature:

N / A

Decomposition Temperature:

N / A

Kinematic Viscosity

N / A

Partition Coefficient- n- Octanol / water

N / A

Specific Gravity:

1.24 – 1.30 g/mL

pH:

6.0 to 9.0

Vapor Pressure:

Not determined

Solubility in Water:

Completely

% Volatile:

Not determined

Relative Vapor Density:

Not determined

Particle Characteristics:

N / A

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 temperatures 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 components in the product is listed as carcinogen or suspected carcinogen by IARC, NTP or OSHA.

Reproductive Toxicity

None.

Chronic

None of them 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 subject 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 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:	July, 2026
Superseded Date:	ALL PREVIOUS VERSIONS