

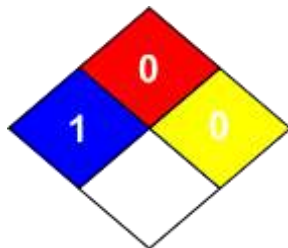
Safety Data Sheet

Version: 6.0

Preparation Date: June, 2017

Supersedes All Previous Versions

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION



Product Name: PROMELT CAL 32
Product Use: De-icing, Anti-icing
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	GHS Classification	Environment
Not Hazardous	Health Eye irritation Category 2A	Not Hazardous

GHS hazard Pictogram



Signal Word

Warning

Hazard Statement

H319 Causes Serious Eye Irritation

Precautionary Statements

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
Calcium Chloride	10043-52-4	32.0%

SECTION 4: FIRST-AID MEASURES

Eye Remove contact lenses if present. Rinse eyes thoroughly with wash solution or clean water for at least 10 minutes. Eyelids should be held away from the eyeball to ensure through rinsing. Seek medical attention.

Skin Remove contaminated clothing; wash off any skin contamination immediately with plenty of water. Launder cloths before re-use.

Ingestion DONOT Induce vomiting. Wash out mouth with water and give plenty of water to drink (at least 300 ml). Obtain medical advice if symptoms persist

Inhalation The product is only possible to inhale if it is sprayed. Remove to fresh air, keep warm and at rest. If symptoms persist; seek medical attention

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:

1.3190g/mL

pH:

7.0 to 11.0 in 10% water solution

Vapor Pressure:

0.1 Pa at 20 C

Solubility in Water:

745 g / L at 20 C, 1590 g / L at 100 C

% Volatile:

Not determined

Vapor Density:

Not determined

SECTION 10: STABILITY & REACTIVITY

Reactivity / Chemical Stability

Calcium chloride can react with strong reducing or oxidizing agents.

Conditions to Avoid

None known

Incompatible Material

Strong oxidizing agents, concentrated acids and some metals.

Hazardous Decomposition Products

When heated product decomposes and emits hydrogen chloride, halogenated compounds and chloride gas.

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:	June, 2017
Superseded Date:	ALL PREVIOUS VERSIONS