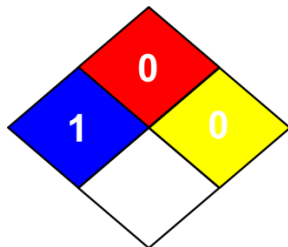


Safety Data Sheet

Version: 4.0

Preparation Date: April, 2015
Supersedes All Previous Versions

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION



Product Name: PROMELT CAL 32
Product Use: Dust Control, De-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: 613-996-6666 1-800-424-9300
WHMIS Classification: Not controlled
Chemical Family: Inorganic salt solution

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	% by Weight
Calcium Chloride	10043-52-4	32.0%

SECTION 3: HAZARD(S) IDENTIFICATION

GHS Classification		
Physical	Health	Environment
Not Hazardous	Eye irritation Category 2A	Not Hazardous
GHS hazard Pictogram		
Signal Word	Warning	
Hazard Statement	H319 Causes Serious Eye Irritation P280 Wear Protective Gloves / Protective Clothing / Eye Protection / Face Protection	
Precautionary Statements	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 4: 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
Initial Boiling Point >1600 C

SECTION 5: 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 thorough 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.
Indication of Immediate Medical Attention / Special Treatment	Immediate medical attention is not required.

SECTION 6: 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 Protective Equipment and Precautions	Expose to temperature above 160 C gives formation of toxic chloride gases. 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 7: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedure	Wear appropriate protective clothing as describe in section 9. Wash thoroughly after handling.
Methods and Materials for Containment and Cleaning up	Embark with sand or other inert material and collect the material as much as possible in a suitable container, preferably for re-use, otherwise for disposal. Wash the area with large quantities of water but not in sensitive environment. Report releases as required by local, state, and federal authorities.

SECTION 8: HANDLING & STORAGE

Precaution for Safe Handling	Wear protective clothing and equipment. Avoid contact with eyes, skin and clothing. Avid 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. Do not store with acids and / or strong oxidizing and / or reducing agents.

SECTION 9: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Guidelines	Handling of aqueous Calcium Chloride normally does not demand any special exhaust ventilation.
Respiratory Protection	For dusty or misty conditions, wear NIOSH approved dust or mist respirator.
Skin Protection	Wear rubber or neoprene gloves, boots and long sleeve shirts.
Eye Protection	Wear safety goggles.
Other	Long-sleeved clothing and long pants recommended to avoid prolonged skin contact. Suitable washing facilities should be available in the work area.

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.

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
WHMIS Classification	Not classified as dangerous.

SECTION 16: PREPARATION INFORMATION

Prepared By:	Innovative Surface Solutions
Telephone:	905-427-0318
Preparation Date:	April, 2015
Superseded Date:	ALL PREVIOUS VERSIONS