

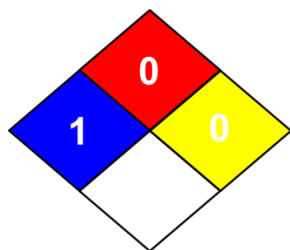
Safety Data Sheet

Version: 5.0

Preparation Date: December, 2015

Supersedes All Previous Versions

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION



Product Name: CALIBER M-1000™

Product Use: De-icing, Anti-icing, Dust Control, Tire Ballast

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: HAZARD(S) IDENTIFICATION

GHS Classification		
Physical	Health	Environment
Not Hazardous	Not Hazardous	Not Hazardous

GHS Label Element

Not Hazardous

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	% by Weight
Magnesium Chloride	7786-30-3	27.0%
Proprietary Ingredients	-	6.0%

SECTION 4: FIRST-AID MEASURES

Eye	May cause slight eye irritation, immediately wash with water for 15 minutes. Get medical attention if irritation persists.
Skin	May cause skin irritation, wash skin thoroughly with soap and water. Get medical attention if irritation develops or persists.
Ingestion	Low in toxicity. May cause diarrhea and vomiting when large quantities are ingested.
Inhalation	Not applicable.

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 equipment 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 amber (available as blue and orange) | Odorless

Odor Threshold:

Not established

Specific Gravity:

1.290g/mL

pH:

6.0 to 9.0

Vapor Pressure:

Not determined

Solubility in Water:

Completely

% Volatile:

Not determined

Vapor Density:

Not determined

SECTION 10: STABILITY & REACTIVITY**Reactivity / Chemical Stability**

Not reactive. Stable under normal storage and handling conditions.

Conditions to Avoid

Temperature below or close to product freezing point can give formation of crystals during storage.

Incompatible Material

Strong oxidizing agents, concentrated acids and some metals.

Hazardous Decomposition Products

Above 160 C 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.

Oral (rate) LD 50

8100 mg / Kg

Appraisal

The material is classified as not toxic.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity	Fathead minnow NOEC: 1.0 g / L Ceriodaphnia dubia NOEC: 1.00 g / L Selenastrum growth NOEC: 2.0 g / L
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

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:	December, 2015
Superseded Date:	ALL PREVIOUS VERSIONS