



**MATERIAL SAFETY DATA SHEET**

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**SECTION I: MATERIAL IDENTIFICATION**

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Product Name: **Caliber M1000 & M2000®**  
**Liquid De-Icer or Anti-Icer**

Chemical Name: *Enhanced Magnesium Chloride Solution*

Manufacturer: *EnviroTech Services, Inc.* (970) 346-3900  
*910 54<sup>th</sup> Avenue, Suite 230*  
*Greeley, CO 80634*

Date Prepared: April 10, 2002 Updated: *January 1, 2010*

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**SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

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Hazardous Components: *None*

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**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

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Boiling Point:	225°F	Specific Gravity:	1.24 – 1.29
Vapor Pressure:	N/A	Melting Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	<i>Not Determined</i>
Solubility in Water:	100%	pH:	4.5 – 8.5 as shipped 6.5 – 8.5 in a 5% solution

Appearance and Odor: *Liquid, Clear to Slight Yellow, Very Low or No Odor*

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**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

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Flammable Limits: *N/A Not Flammable*

LEL: *N/A*

UEL: *N/A*

Extinguishing Media: *None, non-flammable*

Flash Point: *None*

Special Fire Fighting Procedures: *None*

Unusual Fire and Explosion Hazards: *None*

NFPA Classification: *Health = 0 Flammability = 0 Reactivity = 0*

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**SECTION V: REACTIVITY DATA**

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Stability: *Stable*

Incompatibilities: *Strong oxidizers, concentrated acids (i.e. nitric acid)*

Hazardous Decomposition: *Hydrogen chloride, halogenated compounds. Thermal decomposition above temperatures of 570° F may release chlorine gas.*

Hazardous Polymerization: *Will not occur*

Conditions to Avoid: *Avoid contact and storage with above listed compounds or materials.*

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**SECTION VI: HEALTH HAZARD DATA**

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Signs and Symptoms of Exposure:

**Ingestion:** Oral ingestion of large doses may cause GI irritation.  
**Skin:** May cause irritation  
**Eye:** May cause irritation  
**Inhalation:** Liquid product, normally not applicable.

Emergency and First Aide Procedures:

**Ingestion:** Non toxic, do not induce vomiting, rinse mouth with water, do not give an unconscious person something to ingest.  
**Skin:** Flush with water, wash with mild soap and water, practice reasonable and ordinary hygiene.  
**Eyes:** Look for and remove contact lenses. Irrigate with water.  
**Inhalation:** Normally not applicable. If inhaled, remove to fresh air, if not breathing, give artificial respiration. Obtain medical attention if irritation occurs.

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**SECTION VII: PRECAUTION FOR SAFE HANDLING AND USE**

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Accidental Release Measures:

No special precautions. Flush with water.

Waste Disposal Method:

Waste must be disposed of in accordance with federal, state and local regulations.

Precautions to be taken in Handling and Storage:

**KEEP OUT OF THE REACH OF CHILDREN**

Material can be corrosive to some metals; care should be taken when stored for long periods in metal containers. Avoid contact with eye, skin or clothing. Wash thoroughly after handling. Practice reasonable care and precautions. Wear safety glasses and rubber or other impervious gloves.

Other Precautions:

Not for food or drug use. Do not take internally. May cause leather to shrink.

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**SECTION VIII: CONTROL MEASURES**

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Respiratory Protection: None  
Ventilation: Local Exhaust: Not required  
Mechanical (General): Not required  
Protective Gloves: Rubber or other impervious gloves recommended.  
Eye Protection: Safety glasses or goggles with splash shields recommended.  
Other: None

The information contained in this Material Safety Data Sheet is, to the best of our knowledge, accurate and reliable. No warranty of any kind is either expressed or implied.

This information should be provided to all individuals handling this product. Federal, state, and local regulations should be followed when handling this product.