



**MATERIAL SAFETY DATA SHEET**

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**SECTION I: MATERIAL IDENTIFICATION**

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Trade Name: **MeltDown® Absolute Zero**  
Chemical Name: *Magnesium Chloride, Hexahydrate*  
Manufactured For: *EnviroTech Services, Inc.*  
Address: *910 54<sup>th</sup> Ave, Suite 230  
Greeley, CO 80634*  
Telephone: *(970) 346-3900*  
Fax: *(970) 346-3959*  
Date Prepared: *August 13, 1998* Updated: *January 1, 2010*

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

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*None*

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**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

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Boiling Point: *Decomposes*  
Vapor Pressure: *NA*  
Vapor Density: *NA*  
Solubility in Water: *Cold 167 gm/100cc  
Hot 367 gm/100cc*  
Specific Gravity: *1.569 (H<sub>2</sub>O=1)*  
Melting Point: *Loses water of hydration  
Decomposes at 116-118 °C*  
Evaporation Rate: *NA*  
Odor / Appearance: *Odorless, White or off-white colored crystals*

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

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Flash Point: *None*  
Flammable Limits: *STP in Air* LEL: *NA* UEL: *NA*  
Extinguishing Media: *None, Non-Flammable*  
Special Fire Fighting Procedures: *None*  
Unusual Fire and Explosion Hazards: *None*  
National Fire Protection Association (NFPA) Classification:  
4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal  
Health 1  
Flammability 0  
Reactivity 0  
Hazardous Materials Information System (HMIS):  
4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Minimal  
Blue: (Acute Health) 1  
Red: (Flammability) 0  
Yellow: (Reactivity) 0

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**SECTION V: REACTIVITY DATA**

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Stability: *Stable*  
Incompatibility: *Solution can be corrosive to some metals*  
Hazardous Decomposition or Byproducts: *Hydrogen chloride when heated*  
Hazardous Polymerization: *Will Not Occur*  
Conditions to Avoid: *None*

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**SECTION VI: HEALTH HAZARD DATA**

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Health Hazards (Acute and Chronic): *None*  
Carcinogenicity: *N/A*  
NTP: *N/A*  
IARC Monographs: *N/A*  
OSHA Regulated: *N/A*  
Signs and Symptoms of Exposure:  
*Ingestion: Possible nausea and vomiting*  
*Eyes: Slight irritation may cause transient cornea injury*  
*Skin: May cause irritation.*  
*Inhalation: Dust may be irritating but not likely to cause injury*  
Emergency and First Aid Procedures:  
*Ingestion: Low toxicity.*  
*Eyes: Irrigate with large amounts of water*  
*Skin: Wash with water*  
*Inhalation: Remove to fresh air.*

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

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Steps to be Taken in Case material is Released or Spilled: *No special precautions. Sweep up and return to container or wash with large amounts of water.*  
Waste Disposal Method: *Dispose in accordance with federal, state, or local regulations*  
Precautions to be Taken in Handling and Storage: **KEEP OUT OF THE REACH OF CHILDREN**  
*Material is deliquescent, so caking may occur with moisture and long-time storage.*  
*Avoid contact with eye, skin or clothing.*  
*Wash thoroughly after handling.*  
*Practice reasonable care and precautions*  
Other Precautions: *Not for food or drug use. Do not take internally.*

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**SECTION VIII: CONTROL MEASURES**

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Respiratory Protection: *Nuisance dust*  
Ventilation: *Local exhaust: Ventilation for nuisance dust*  
*Mechanical (general):None*  
*Special (Other): None*  
Protective Gloves: *None*  
Eye Protection: *Safety glasses recommended*  
Other Protective Equipment or Precautions: *None*

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*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.*