



MATERIAL SAFETY DATA SHEET

SECTION I: MATERIAL IDENTIFICATION

Trade Name: **MeltDown Absolute Zero™**
Chemical Name: *Magnesium Chloride, Hexahydrate*
Manufactured For: *EnviroTech Services, Inc.*
Address: *1140 38th Ave, Suite 1
Greeley, CO 80634*
Telephone: *(970) 346-3900*
Fax: *(970) 346-3959*
Date Prepared: *August 13, 1998* Updated: *January 29, 2003*

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

None

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: *Decomposes*
Vapor Pressure: *NA*
Vapor Density: *NA*
Solubility in Water: *Cold 167 gm/100cc
Hot 367 gm/100cc*
Specific Gravity: *1.569 (H₂O=1)*
Melting Point: *Loses water of hydration
Decomposes at 116-118 °C*
Evaporation Rate: *NA*
Odor / Appearance: *Odorless, White or off-white colored crystals*

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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

SECTION V: REACTIVITY DATA

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*

SECTION VI: HEALTH HAZARD DATA

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.

SECTION VII: PRECAUTION FOR SAFE HANDLING AND USE

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.*

SECTION VIII: CONTROL MEASURES

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*

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.