

## MATERIAL SAFETY DATA SHEET

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### SECTION I: MATERIAL IDENTIFICATION

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Trade Name: **CCS Magnesium Chloride**  
Chemical Name: *Magnesium Chloride Solution*  
Manufacturer: **Cleveland Charcoal & Salt Supply Co**  
Address: *940 E. 67<sup>th</sup> Street*  
*Cleveland, Ohio 44103*  
Telephone: *(216) 361-8020*  
Emergency Telephone: (800) 535-5053 - INFOTRAC  
Date Prepared: *10/13*

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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: *225°F*  
Vapor Pressure: *NA*  
Vapor Density: *NA*  
Solubility in Water: *100%*  
Specific Gravity: *1.24 to 1.34*  
Melting Point: *NA*  
Evaporation Rate: *1*  
*pH: 5.5 - 6.0 as shipped, 6 - 8 in a 5% solution*  
Odor / Appearance: *Clear to slight yellow, slight odor*

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### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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Flash Point: *NA (Non-flammable)*  
Flammable Limits: STP in Air    LEL: *NA*    UEL: *NA*  
Extinguishing Media: *NA (Non-flammable)*  
Special Fire Fighting Procedures: *None*  
Unusual Fire and Explosion Hazards: *None*

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### SECTION V: REACTIVITY DATA

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Stability: *Stable*  
Incompatibility: *None*  
Hazardous Decomposition or Byproducts: *None*  
Hazardous Polymerization: *Will Not Occur*

*Conditions to Avoid: None*

**SECTION VI: HEALTH HAZARD DATA**

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Routes of Entry: *Ingestion, Eye Contact, Skin Contact and Inhalation*

Effects of Overexposure: *Ingestion. Large doses would cause GI irritation*

Emergency and First Aid Procedures: *Flush with water*

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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: *Flush with water.*

Waste Disposal Method: *Soluble in water. Neutral or slightly basic solution occurs*

Precautions to be Taken in Handling and Storage: *No special requirements*

Other Precautions: *Normal standard practice for good hygiene*

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**SECTION VIII: CONTROL MEASURES**

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Respiratory Protection: *None*

Ventilation: *Local exhaust: NA*

*Mechanical (general): NA*

*Special (Other): NA*

Protective Gloves: *Not normally required, rubber gloves recommended to avoid skin drying*

Eye Protection: *Glasses with splash shields*

Other Protective Equipment or Precautions: *Not normally required. Recommend rubber boots*

*or wash product off leather shoes as soon as possible with water. Product has drying effect on leather.*

*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.*