

## **MATERIAL SAFETY DATA SHEET**

Magnesium Chloride

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**MgCl<sub>2</sub>**

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### SECTION III

#### **PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT:** 225 Degrees

**MELTING POINT:** N/A

**VAPOR PRESSURE:** N/A

**VAPOR DENSITY:** N/A

**EVAPORATION RATE:** 1

**SOLUBILITY IN WATER:** 100%

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.32

**APPEARANCE AND ODOR:** Liquid - slight yellow to colorless

### SECTION IV

#### **FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** None

**Extinguishing Media:** None, Non-Flammable

**Flammable limits:** STP in air

**LEL:** N/A

**UEL:** N/A

**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 = insignificant

Blue: (acute health) 1

Red (flammability) 0

Yellow (reactivity) 0

### SECTION V

#### **REACTIVITY DATA**

**STABILITY:** Stable

**Incompatibility (Materials to Avoid):** none

**Hazardous Decomposition Byproducts:** none

**Hazardous Polymerization;** Will not occur

#### SECTION VI

##### **HEALTH HAZARD DATA**

**Routes of Entry:** Eye contact, skin contact, inhalation and ingestion

**Signs and Symptoms of Exposure:**

**Ingestion:** Oral ingestion of large doses may cause GI irritation.

**Emergency and First Aid Procedures:** Flush with water

#### SECTION VII

##### **PRECAUTIONS FOR SAFE HANDLING AND USE**

**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 Storing:** No special requirements

**Other Precautions:** Normal standard practice for good hygiene.

#### SECTION VIII CONTROL MEASURES

**Respiratory Protection (Specify Type):** None

**Ventilation: Local Exhaust:** N/A

**Mechanical (General):** N/A

**Special (Other):** N/A

**Protective Gloves:** N/A

**Eye Protection:** Safety goggles with splash shields

**Other Protective Clothing or Equipment:** None

**Work Hygienic Practices:** N/A

**For Additional Information:**

#### REGULATORY INFORMATION

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#### SECTION 17– OTHER INFORMATION

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