1. PRODUCT AND COMPANY INFORMATION

Distributed By: WG Critical Care, LLC.
120 Route 17 North
Suite 115
Paramus, NJ 07652 USA

Product Name: Magnesium Sulfate for Injection

Primary Component/ Active Ingredient: Magnesium Sulfate

Chemical Name: Magnesium Sulfate

Molecular Formula: MgSO₄ ∙ 7H₂O

UNII Code: SK47B8698T
CAS Number: 10034-99-8

Chemical Family: Anticonvulsant; laxative; replenisher (electrolyte)

Product Use: Pharmaceutical
Product Type: Prescription Drug

Container Information: Plastic Containers

Customer Service Phone Number: +1-888-493-0861
Emergency Phone Number: +1-866-562-4708 (Prosar)
2. HAZARDS IDENTIFICATION

PRIMARY PHYSICAL AND HEALTH HAZARDS: Physical-Not available; Health-eye damage/irritation

ROUTES OF ENTRY: Eye contact; skin contact; inhalation; ingestion.

SIGNS & SYMPTOMS OF EXPOSURE: Flushing, sweating, hypotension, depressed reflexes, flaccid paralysis, hypothermia, circulatory collapse, cardiac and CNS depression proceeding to respiratory paralysis; hypocalcaemia with signs of tetany.

CHEMICAL LISTED AS CARCINOGEN NTP: NO IARC: NO OSHA: NO

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight %</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium Sulfate Hemihydrate</td>
<td>1-2%</td>
<td>10034-99-8</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYE EXPOSURE: Flush with water. If irritation continues, seek medical attention.

SKIN EXPOSURE: Flush with water. If irritation continues, seek medical attention.

INGESTION: Remove from source of exposure. If toxicity continues, seek medical attention.

INHALATION: Remove from source of exposure. If toxicity continues, seek medical attention.

NOTE TO PHYSICIAN: See product package insert.
5. FIRE FIGHTING MEASURES

FLASH POINT: Not available.
AUTO-IGNITION TEMPERATURE: Not available.
FLAMMABLE LIMITS IN AIR: Not available.
FLAMMABLE LIMITS: Not available.
EXTINGUISHING MEDIA: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires involving this media.
UNUSUAL FIRE / EXPLOSION HAZARDS: Not available.

NOTE TO PHYSICIAN: Treat supportively and symptomatically.

6. ACCIDENTAL RELEASE MEASURE

SPILL: Isolate area around spill. Put on suitable protective clothing and equipment as specified by site spill control procedures. Absorb the liquid with suitable material and clean affected area with soap and water. Dispose of spill materials according to the applicable state, or federal regulations.
RELEASE TO AIR: Not available.
RELEASE TO WATER: Not available.

7. HANDLING AND STORAGE

GENERAL HANDLING: No special handling required under conditions of normal use.
STORAGE CONDITIONS: No special storage required for hazard control. For product protection, follow storage recommendations noted on the product case label, the primary container label, or the product insert.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>RESPIRATORY PROTECTION:</th>
<th>Respiratory protection not normally needed during intended product use.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYE PROTECTION:</td>
<td>Use of safety goggles.</td>
</tr>
<tr>
<td>VENTILATION:</td>
<td>Not available.</td>
</tr>
<tr>
<td>SKIN PROTECTION:</td>
<td>Use of latex or nitrile gloves.</td>
</tr>
<tr>
<td>OTHER PROTECTIVE EQUIPMENT:</td>
<td>Not available.</td>
</tr>
<tr>
<td>ADDITIONAL EXPOSURE PRECAUTIONS:</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PHYSICAL STATE:</th>
<th>Crystalline powder.</th>
<th>SPECIFIC GRAVITY:</th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>Colorless.</td>
<td>EVAPORATION RATE:</td>
<td>Not available.</td>
</tr>
<tr>
<td>BOILING POINT:</td>
<td>Not available.</td>
<td>MELTING POINT:</td>
<td>Not available.</td>
</tr>
<tr>
<td>VAPOR PRESSURE:</td>
<td>Not available.</td>
<td>SOLUBILITY IN WATER:</td>
<td>Yes.</td>
</tr>
<tr>
<td>VAPOR DENSITY:</td>
<td>Not available.</td>
<td>pH:</td>
<td>6.0</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>STABILITY:</th>
<th>Stable under normal storage conditions.</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCOMPATIBILITY: (MATERIALS TO AVOID)</td>
<td>Not available.</td>
</tr>
<tr>
<td>HAZARDOUS POLYMERIZATION:</td>
<td>Not anticipated to occur with this product.</td>
</tr>
<tr>
<td>HAZARDOUS DECOMPOSITION:</td>
<td>Not available.</td>
</tr>
<tr>
<td>CONDITIONS TO AVOID:</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>TYPE</th>
<th>ROUTE</th>
<th>SPECIES</th>
<th>DOSAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium Sulfate</td>
<td>LDLo</td>
<td>Oral</td>
<td>Mouse, rabbit</td>
<td>Mouse-5000mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Rabbit-3000mg/kg</td>
</tr>
<tr>
<td>Magnesium Sulfate</td>
<td>LDLo</td>
<td>Intravenous</td>
<td>Mouse</td>
<td>48mg/kg</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of waste in accordance with federal and state regulations.

14. TRANSPORT INFORMATION

REGULATORY ORGANIZATIONS:

DOT: Not Regulated

ICAO / IATA: Not Regulated

IMO: Not Regulated
15. REGULATORY INFORMATION

Below is selected regulatory information chosen primarily for possible WG Critical Care use. This section is not a complete analysis or reference to all applicable regulatory information. Please consider all applicable laws and regulations for your city / state / country.

**US Regulations**
- TSCA – No
- CERCLA-No
- SARA 302 – No
- SARA 313 – No
- OSHA Substance Specific - No

16. OTHER INFORMATION

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS MATERIAL SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.