



Safety Data Sheet

1. IDENTIFICATION

| | |
|----------------------------|--|
| Product Name | Magnesium Sulfate Anhydrous |
| Recommended use | |
| Supplier | Valudor Products, LLC 179 Calle Magdalena Suite 100 Encinitas CA 92024 (760)-635-8500 |
| Emergency Telephone | 800-535-5053 (Infotrac) |

2. HAZARD IDENTIFICATION

Classification

This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Label Elements

Not a hazardous substance or mixture

Hazards not other classified None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance

| | |
|-------------------------|-----------------------------|
| Chemical Name | Magnesium Sulfate Anhydrous |
| Formula | MgSO ₄ . |
| Molecular weight | 120.37 g/mol |
| Cas No. | 7487-88-9 |
| Concentration | > 98 % |

4. FIRST-AID MEASURES

First Aid Measures

| | |
|---------------------|--|
| Eye Contact | Immediately rinse with plenty of water. Remove contact lenses, if present and easy to do so. Keep eye wide open while rinsing. Continue rinsing for 15 minutes. Call a doctor/physician if irritation persists |
| Skin Contact | Wash off immediately with plenty of water. Remove all contaminated clothes and shoes. If skin irritation persists, call a doctor/physician |
| Inhalation | Remove to fresh air. If not breathing, give artificial respiration. Get medical attention. |
| Ingestion | Do not induce vomiting without medical advice. Rinse |

mouth with water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician

Most important symptoms/effects, acute and delayed

Symptoms No information available

5. FIRE-FIGHTING MEASURES

Suitable extinguishing Media Water, dry powder, foam, carbon dioxide (CO2)

Specific Hazards Arising from the chemical

Hazardous combustion products Thermal decomposition can lead to the release of irritation or toxic gases and vapors; including and not limited to: Sulfur oxides, Magnesium oxide

Protective equipment and precautions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Personal precautions Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Use personal protection recommended in Section 8. Ensure adequate ventilation.

Methods and materials for containment and cleanup

Methods for clean-up Sweep or vacuum up and place in an appropriate closed container. Keep unauthorized personnel away. Avoid generating dust.

Environmental Precautions Prevent entry into waterways or sewers

7. HANDLING AND STORAGE

Precautions for safe handling

Do not breathe dust. Avoid dust formation. Avoid contact with eyes, skin and clothing. Use personal protective equipment recommended in section 8. Remove and wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Store in a cool/low-temperature, well-ventilated, dry place. Keep containers closed and labeled when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the regional specific regulatory bodies

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Consider the potential hazards of this material, applicable exposure limits, job activities and other substances in the work place when designing controls and selecting personal protective equipment.

Personal Protective Equipment

| | |
|-------------------------------|---|
| Eye/face protection | Safety glasses are recommended in professional settings |
| Skin protection | Choose the appropriate protective clothing and gloves based on the tasks being performed to avoid exposure to skin. Wear protective gloves. Wear lightweight protective clothing. |
| Respiratory protection | Not required under normal circumstances. If exposure limits are exceeded or if irritation or other symptoms are experienced use a NIOSH/MSHA approved respirator |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. |

9. PHYSICAL and CHEMICAL PROPERTIES

| | |
|---|--------------------------|
| Appearance | White powder |
| Physical state | Solid |
| Odor | No odor |
| Odor threshold | No information available |
| pH | 5-9 |
| Melting point / freezing point | No information available |
| Boiling point / Boiling range | Not applicable |
| Flash point | Not applicable |
| Evaporation rate | Not applicable |
| Flammability | No information available |
| Flammability or explosive limits | |
| Upper | No information available |
| Lower | No information available |
| Vapor pressure | No information available |
| Vapor density | No information available |
| Density | 2.66 g/cm ³ |
| Solubility in water | Completely miscible |
| Partition coefficient | No information available |
| Auto-ignition temperature | No information available |
| Decomposition temperature | No information available |
| Viscosity | No information available |

10. STABILITY AND REACTIVITY

| | |
|---------------------------|--|
| Reactivity | None known under normal conditions. |
| Chemical stability | Stable under ordinary conditions of use and storage. |

| | |
|---|--|
| Possibility of hazardous reactions | None under normal processing. |
| Conditions to avoid | Avoid dust formation. |
| Incompatible materials | Strong oxidizers |
| Hazardous decomposition products | Hazardous combustion can lead to the release of irritating gases and vapors. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|---------------------|---|
| Skin contact | May cause skin irritation |
| Eye contact | May cause eye irritation |
| Inhalation | May cause irritation of respiratory tract |
| Ingestion | May be harmful if swallowed |

Symptoms related to the physical chemical and toxicological characteristics

No information available

Delayed and immediate effects and also chronic effects form short and long-term exposure

| | |
|---------------------------------|----------------|
| Skin damage/irritation | Not classified |
| Eye damage/irritation | Not classified |
| Sensitization | Not classified |
| Mutagenic effects | Not classified |
| Carcinogenicity | Not classified |
| Reproductive toxicity | Not classified |
| STOT – single exposure | Not classified |
| STOT – repeated exposure | Not classified |
| Aspiration hazard | Not classified |

Acute Toxicity

Component information

| Component | Cas-No | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-----------------------------|-----------|---------------|---------------|-----------------|
| Magnesium Sulfate Anhydrous | 7487-88-9 | > 2,000 mg/kg | > 2,000 mg/kg | - |

12. ECOLOGICAL INFORMATION

| | |
|---|---------------------------------------|
| <u>Ecotoxicity</u> | Should not be released to environment |
| <u>Persistence and degradability</u> | No information available |
| <u>Bioaccumulative potential</u> | No information available |
| <u>Mobility in soil</u> | No information available |
| <u>Other adverse effects</u> | No information available |

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

Processing, use or contamination of this product may occur during product use. Accordingly, it is the responsibility of the user to determine the proper disposal methodologies. Consult the appropriate state, regional or local regulations to ensure complete and accurate classification. Dispose of contaminated packaging in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated
IATA Not regulated
IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

| | |
|-------------|--------|
| TSCA | Listed |
| DSL | Listed |

US Federal Regulations

TSCA section 12(b) Export Notification

Not regulated

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

Not applicable

SARA 311/312 Hazard Categorization

Acute health hazard No
 Chronic Health Hazard No
 Fire hazard No
 Pressure No
 Reactivity No

CERCLA/SARA 302 & 304

Section 302 & 304 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). Not applicable

CWA (Clean Water Act)

Not applicable

US State Regulations

California Proposition 65

This product does not contain any proposition 65 chemicals

16. OTHER INFORMATION

NFPA Ratings Health: 1 Flammability: 0 Reactivity: 0

Creation Date: 11/27/2020

Revision Date:

Revision Number: 1.0

Revision Information Creation

Disclaimer

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