**Section 1 - Identification of the Substance/Preparation and of the Company/Undertaking**

Manufacturer Information

SPI Pharma  
Telephone: 33 4 91 96 36 00  
Chemin du Vallon du Maire  
Fax: 33 4 91 65 39 03  
F - 13240 SEPTEMES-LES-VALLONS  
Emergency #: 01 45 42 59 59 (ORFILA)

Contacts:  
Christian Blasquez; e-mail: CBlasquez@spipharma.com  
Patricia Delacrose; e-mail: pdelacrose@spipharma.com

Use of the Substance/Preparation:  
Food/pharmaceutical products.

Substance Registration Number(s):  
None identified.

**Section 2 - Hazards Identification**

Substance/Preparation Classification  
This preparation is not hazardous according to EC-directives 67/548/EEC or 1999/45/EC.

Human and Environmental Hazards  
Not classified.

**Section 3 - Composition/Information on Ingredients**

<table>
<thead>
<tr>
<th>EC #</th>
<th>Component / CAS #</th>
<th>Percent</th>
<th>Symbols</th>
<th>Risks</th>
</tr>
</thead>
</table>
| 215-170-3    | Magnesium hydroxide  
1309-42-8     | 33      | -       | R:    |

Component Information/Information on Non-Hazardous Components  
The product is classified in accordance with Annex VI to Directive 67/548/EEC.  
The product is classified in accordance with Directive 1999/45/EC.

Substance Registration Number(s):  
None identified.

**Section 4 - First Aid Measures**

**First Aid: Eyes**  
Flush eyes with large amounts of water. If irritation persists or develops, get medical attention.

**First Aid: Skin**  
For skin contact, wash with soap and water. If irritation develops or persists, seek medical attention.

**First Aid: Ingestion**  
If material is swallowed in large amounts, get medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.

**First Aid: Inhalation**  
If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.

**Section 5 - Fire-Fighting Measures**

**General Fire Hazards**  
Not a fire or explosion hazard.

**Suitable Extinguishing Media**  
Dry chemical, foam, carbon dioxide, water fog.

**Unsuitable Extinguishing Media**  
A solid stream of water may scatter burning product.

**Hazardous Combustion Products**  
Upon decomposition, this product may emit irritating or toxic fumes and oxides of magnesium.
Fire Fighting Equipment/Instructions
Firefighters should wear full protective clothing including self contained breathing apparatus.

*** Section 6 - Accidental Release Measures ***

Containment Procedures
Contain the discharged material. If sweeping of a contaminated area is necessary, use a dust suppressant agent.

Clean-Up Procedures
Ventilate the contaminated area. Sweep up or vacuum spilled material. Use of a moist absorbent is recommended. Avoid the generation of airborne dusts during cleanup.

Personal Precautions
Wear appropriate protective equipment and clothing during clean-up.

Environmental Precautions
Do not flush material to drains or allow to enter drains.

*** Section 7 - Handling and Storage ***

Handling Procedures
Avoid getting this material into contact with your eyes. Wash thoroughly after handling. Avoid the formation of airborne dusts. Avoid breathing dusts from this material.

Storage Procedures
Keep container tightly closed and store at room temperature.

Specific Use
Food/pharmaceutical products.

*** Section 8 - Exposure Controls/Personal Protection ***

Exposure Guidelines
A: General Product Information
Exposures should be minimized in accordance with good industrial hygiene practices.

B: Substance Exposure Limits
The EU, ACGIH, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Portugal, Spain, Sweden, and United Kingdom have not developed exposure limits for any of the substances in this preparation.

Occupational Exposure Controls
Ventilation should be sufficient to effectively remove and prevent buildup of airborne dusts.

PERSONAL PROTECTIVE EQUIPMENT
Personal Protective Equipment: Eyes/Face
Wear safety glasses with side shields; chemical goggles if dust is generated

Personal Protective Equipment: Skin
None necessary.

Personal Protective Equipment: Hands
Wear impervious gloves for prolonged contact.

Personal Protective Equipment: Respiratory
In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment: General
Use good industrial hygiene practices in handling this material.

Environmental Exposure Controls
Do not release product into open sewers or waterways.

*** Section 9 - Physical and Chemical Properties ***
Material Name: MAGNESIUM HYDROXIDE WET GEL - PASTE M/LVM

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Appearance: Lumpy, viscous paste
Physical State: Paste
Vapor Pressure: Not applicable
Boiling Point: Not available
Solubility (H2O): Slight
Freezing Point: Not available
Flash Point Method: Not available
UFL: Not applicable

Odor: None
pH: 9-11 (Aqueous solution - 77.5 g/L)
Vapor Density: Not applicable
Melting Point: Not available
Specific Gravity: Not available
Flash Point: Not available
Auto Ignition: Not available
LFL: Not applicable

*** Section 10 - Stability and Reactivity ***

Chemical Stability
Stable.

Conditions to Avoid
Avoid accumulation of airborne dusts, incompatible materials.

Materials to Avoid
This product can react with oxidizers.

Hazardous Decomposition Products
Upon decomposition, this product may emit irritating or toxic fumes and oxides of magnesium.

Hazardous Polymerization
Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute Toxicity
A: General Product Information
May cause slight irritation to the skin and eyes. Not expected to be acutely toxic.

B: Component Analysis - LD50/LC50
Magnesium hydroxide (215-170-3)
Oral LD50 Rat: 8500 mg/kg

Repeated Dose Toxicity
No information available for the product.

Skin Effects
No skin irritation can be expected from single short-term exposure to this product. Prolonged or repeated contact may produce some irritation.

Eye Effects
Significant irritation would not be expected. Prolonged contact may cause slight irritation.

Ingestion Effects
Ingestion of small amounts would not be expected to produce toxicity.

Inhalation Effects
Overexposure to dusts, mists or vapors may produce slight irritation of the respiratory system.

Carcinogenicity
A: General Product Information
No carcinogenicity data available for this product.

B: Substance Carcinogenicity
None of the substances in this preparation are listed by IARC, Austria, Belgium, Denmark, France, Germany, Ireland, Luxembourg, Netherlands, Spain, or United Kingdom.

Mutagenicity
None identified.

Reproductive Effects
None identified.

Neurotoxicity
No data available for this product.
Other Toxicological Information
None available.

*** Section 12 - Ecological Information ***

Ecotoxicity
A: General Product Information
   No data available for this product. Product is an inert mineral product and is not expected to be acutely toxic. Not degradable.
B: Component Analysis - Ecotoxicity - Aquatic Toxicity
   No ecotoxicity data are available for this product's components.

Mobility
   No data available for this product.

Persistence & Degradation
   No data available for this product.

Bioaccumulative Potential
   No data available for this product.

Other Adverse Effects
   No data available for this product.

Environmental Fate
   No data available for this product.

*** Section 13 - Disposal Considerations ***

Waste Disposal Instructions
Dispose of as special waste in compliance with local and national regulations.

Disposal of Contaminated Packaging
Empty containers should be taken for local recycling or waste disposal.

*** Section 14 - Transportation Information ***

International Transportation Regulations
Not regulated as dangerous goods.

*** Section 15 - Regulatory Information ***

EU MARKING AND LABELLING:
Symbol(s):
   None

Risk Phrases
   None

Safety Phrases
   None

Chemical Safety Assessment Information
   None identified.

Other Information
A: General Product Information
   No additional information available.
B: Substance Analysis - Inventory

<table>
<thead>
<tr>
<th>Component / CAS</th>
<th>EC #</th>
<th>EEC</th>
<th>CAN</th>
<th>TSCA</th>
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</thead>
<tbody>
<tr>
<td>Magnesium hydroxide 1309-42-8</td>
<td>215-170-3</td>
<td>EINECS</td>
<td>DSL</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*** Section 16 - Other Information ***

Key/Legend


End of SDS # E018