

Safety Data Sheet

Material Name: MAGNESIUM HYDROXIDE WET GEL - PASTE M/LVM

SDS #: E018
Issue Date: 03-December-2008 **Page 1 of 5**

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

Manufacturer Information

SPI Pharma
Chemin du Vallon du Maire
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Contacts:
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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 *****

EC #	Component / CAS #	Percent	Symbols	Risks
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.

Safety Data Sheet

Material Name: MAGNESIUM HYDROXIDE WET GEL - PASTE M/LVM

SDS #: E018
Issue Date: 03-December-2008 **Page 2 of 5**

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 ***

Safety Data Sheet

Material Name: MAGNESIUM HYDROXIDE WET GEL - PASTE M/LVM

SDS #: E018
Issue Date: 03-December-2008 **Page 3 of 5**

Appearance: Lumpy, viscous paste	Odor: None
Physical State: Paste	pH: 9-11 (Aqueous solution - 77.5 g/L)
Vapor Pressure: Not applicable	Vapor Density: Not applicable
Boiling Point: Not available	Melting Point: Not available
Solubility (H2O): Slight	Specific Gravity: Not available
Freezing Point: Not available	Flash Point: Not available
Flash Point Method: Not available	Auto Ignition: Not available
UFL: Not applicable	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.

Safety Data Sheet

Material Name: MAGNESIUM HYDROXIDE WET GEL - PASTE M/LVM

SDS #: E018
Issue Date: 03-December-2008 **Page 4 of 5**

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.

Safety Data Sheet

Material Name: MAGNESIUM HYDROXIDE WET GEL -
PASTE M/LVM

SDS #: E018
Issue Date: 03-December-2008 Page 5 of 5

B: Substance Analysis - Inventory

Component / CAS	EC #	EEC	CAN	TSCA
Magnesium hydroxide 1309-42-8	215-170-3	EINECS	DSL	Yes

*** Section 16 - Other Information ***

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists. AICS = Australian Inventory of Chemical Substances. CAS = Chemical Abstract Service. CERCLA = Comprehensive Environmental Response, Compensation and Liability Act. CFR = Code of Federal Regulations. CHEMTREC = Chemical Transportation Emergency Center. DSL = Canadian Domestic Substance List. EINECS = European Inventory of New and Existing Chemical Substances. EPA = Environmental Protection Agency. HEPA = High Efficiency Particulate Air. HMIS = Hazardous Materials Identification System. IARC = International Agency for Research on Cancer. IDLH = Immediately Dangerous to Life and Health. MITI = Japanese Ministry of International Trade and Industry. NDSL = Canadian Non-Domestic Substance List. NFPA = National Fire Protection Association. NIOSH = National Institute of Occupational Safety and Health. NJTSR = New Jersey Trade Secret Registry. NTP = National Toxicology Program. OSHA = Occupational Safety and Health Administration. NA = Not available or Not Applicable. SARA = Superfund Amendments and Reauthorization Act. TDG = Transportation of Dangerous Goods. TLV = Threshold Limit Value. TSCA = Toxic Substances Control Act. WHMIS = Workplace Hazardous Materials Information System.

End of SDS # E018