

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1. Product identifier**

Chemical type : Substance  
 Name : BARCROFT™ MG HYD PASTE (All Grades)  
 EC no : 215-170-3  
 CAS No. : 1309-42-8  
 SDS CODE : E037

**1.2. Relevant identified uses of the substance or mixture and uses advised against**
**1.2.1. Relevant identified uses**

Use of the substance/preparation : Food/pharmaceutical products

**1.2.2. Uses advised against**

No reliable data available.

**1.3. Details of the supplier of the safety data sheet**

SPI Pharma  
 Chemin du Vallon du Maire  
 Septemes - France  
 T 33 4 91 96 36 00 - F 33 4 91 65 39 03  
[CBlasquez@spipharma.com](mailto:CBlasquez@spipharma.com)

**SECTION 2: Hazards identification**
**2.1. Classification of the substance or mixture**
**2.1.1. Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**2.1.2. Classification according to Directive 67/548/EEC or 1999/45/EC**

Not classified

**2.1.3. Adverse physicochemical, human health and environmental effects**

No reliable data available.

**2.2. Label elements**
**2.2.1. Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

**2.2.2. Labelling according to Directive 67/548/EEC or 1999/45/EC**

No labelling applicable

**2.3. Other hazards**

No reliable data available.

**SECTION 3: Composition/information on ingredients**
**3.1. Substances**

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Magnesium hydroxide	(CAS No.) 1309-42-8 (EC no) 215-170-3	> 26	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Magnesium hydroxide	(CAS No.) 1309-42-8 (EC no) 215-170-3	> 26	Not classified

**3.2. Mixtures**

Not applicable

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.  
 First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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First-aid measures after ingestion : Do not induce vomiting. Seek medical advice (show the label where possible).

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Excessive amounts of magnesium may cause central nervous system depression, respiratory paralysis, and cardiac arrest.

Symptoms/injuries after skin contact : May cause skin irritation.

Symptoms/injuries after eye contact : May cause irritation to the eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

No reliable data available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: : carbon dioxide (CO<sub>2</sub>), water, dry chemical powder.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Not combustible. minimal fire hazard.

Reactivity : Combustion generates : carbon oxides.

### 5.3. Advice for firefighters

Protective equipment for firefighters : Extra personal protection: complete protective clothing including self-contained breathing apparatus. Refer to section 8.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye/face protection. Refer to section 8.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Do not empty into drains or the aquatic environment. Sweep or shovel spills into appropriate container for disposal. Flush residue with large amounts of water.

### 6.4. Reference to other sections

No reliable data available.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eye and clothing. Wash hands thoroughly after handling. avoid breathing dust.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage condition(s) : Keep container tightly closed. Store container in a well ventilated position.

### 7.3. Specific end use(s)

No reliable data available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Magnesium hydroxide (1309-42-8)

Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (fraction respirable)
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### 8.2. Exposure controls

Appropriate engineering controls : Engineering controls are not usually necessary if good hygiene practices are followed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment : Safety glasses. Gloves.



Hand protection : protective gloves.

Eye protection : safety glasses with side-shields.

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Skin and body protection : Wear suitable protective clothing. Wear long sleeves.  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Solid  
Appearance : granular. Powder.  
Colour : white.  
Odour : No data available  
Odour threshold : No data available  
pH : No data available  
Melting point : No data available  
Solidification point : No data available  
Boiling point : No data available  
Flash point : No data available  
Relat. evapor. rate comp. to butylacetate : No data available  
Flammability (solid, gas) : No data available  
Explosive limits : No data available  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Solubility : insoluble in water.  
Log Pow : No data available  
Self ignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity : No data available

#### 9.2. Other information

No reliable data available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Combustion generates : carbon oxides.

#### 10.2. Chemical stability

Stable at normal conditions.

#### 10.3. Possibility of hazardous reactions

No reliable data available.

#### 10.4. Conditions to avoid

Keep away from acids.

#### 10.5. Incompatible materials

acids.

#### 10.6. Hazardous decomposition products

magnesium oxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Magnesium hydroxide (1309-42-8)

LD50 oral rat	> 5000 mg/kg
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### SECTION 12: Ecological information

#### 12.1. Toxicity

No reliable data available.

#### 12.2. Persistence and degradability

No reliable data available.

#### 12.3. Bioaccumulative potential

No reliable data available.

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### 12.4. Mobility in soil

No reliable data available.

### 12.5. Results of PBT and vPvB assessment

No reliable data available.

### 12.6. Other adverse effects

No reliable data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

## SECTION 14: Transport information

Not a dangerous good in sense of transport regulations.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

No reliable data available.

#### 15.1.2. National regulations

No reliable data available.

### 15.2. Chemical safety assessment

No reliable data available.

## SECTION 16: Other information

Sources of Key data : SDS.

Abbreviations and acronyms : ASTM - American Society for Testing and Materials . CLP - Classification, Labelling and Packaging. CSR - Chemical Safety Report. EC - European Community. EEC - European Economic Community. GHS - Globally Harmonised System. REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. SDS - Safety Data Sheet.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*