BARCROFT™ MG HYD POWDER (All Grades)

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012) and Regulation (EU) 2020/878

Date of issue: 10/22/26 Version: 4.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Chemical type : Substance

Name : BARCROFT™ MG HYD POWDER (All Grades)

Product codes : 110-5100, 110-5111, 110-5200, 110-5201,110-5300, 110-5301
110-5350, 110-5355, 110-5475

UFI Code : N920-00A7-400Q-XHXU

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

Use of the substance/preparation : Food/pharmaceutical products

1.3. Details of the supplier of the safety data sheet

SPI Pharma Inc.
Rockwood Office Park
503 Carr Road
Wilmington, Delaware 19809
(302) 360-7200

1.4. Emergency telephone number

Emergency number : Chemtrec (800) 424-9300; Chemtrec (Outside USA) + 1 703-527-3887 (24 hours; 7 days/week)

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.

2.4. Unknown acute toxicity (GHS)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Product identifier	%	GHS classification
Magnesium hydroxide	(CAS No.) 1309-42-8 (EC no) 215-170-3	93 - 98	Not classified

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, 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.

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 : Can occur: 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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not combustible. minimal fire hazard.

Reactivity : Stable.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters where applicable.

6.3. Methods and material for containment and cleaning up

For containment : Contain the discharged material using dust suppressant.

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. Flush residue with large amounts of water.

6.4. Reference to other sections

No additional information 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/m³)	10 mg/m³ (fraction respirable)

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 : Wear protective gloves.

Eye protection : Safety glasses with side-shields.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Other information : Do not eat, drink, or smoke during use

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

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.

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

Effect on ozone layer	No additional information available
Other information	Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Empty containers should be rinsed and discarded in a waste container or offered for recycling if possible. Do not re-use empty containers except for storage and shipment of original product.

SECTION 14: Transport information

14.1 Land Transport DOT

DOT Proper Shipping Name: Not dangerous goods
DOT Hazard Class:
UN/NA Number:

14.1. Land Transport (European ADR/RID)

ADR/RID Shipping Name: Not dangerous goods
UN Number:
Hazard Class:

14.3. Air Transport (ICAO/IATA)

ICAO/IATA Shipping Name Not dangerous goods

Additional Transport Transport in accordance with local, state and federal regulations

14.7. Transportation in Bulk according to Annex II MARPOL73/78 and the IBC Code

Not Applicable

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

Abbreviations and acronyms : CAS: Chemical Abstracts Service (division of the American Chemical Society)
CLP: Classification, Labelling and Packaging.
PBT: Persistent, Bioaccumulative and Toxic
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.
vPvB: very persistent and very bioaccumulative substance.

Other information :

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 However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Consumer/User should make their own investigation to determine the suitability of the information for their particular use