

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

Chemical type : Mixture  
 Trade name : BARCROFT™ AMS CoBlend (All Grades)  
 SDS CODE : E100

**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**

Not applicable

**3.2. Mixtures**

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Magnesium hydroxide	(CAS No.) 1309-42-8 (EC no) 215-170-3	1 - 100	Not classified
Aluminium Hydroxide	(CAS No.) 21645-51-2 (EC no) 244-492-7	1 - 100	Not classified
Sorbitol	(CAS No.) 50-70-4 (EC no) 200-061-5	1 - 100	Not classified
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**SECTION 4: First aid measures**
**4.1. Description of first aid measures**

First-aid measures after inhalation : Move to fresh air in case of accidental inhalation. Seek medical advice.

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according to Regulation (EC) No. 453/2010

- First-aid measures after skin contact : Wash skin with plenty of water and soap. Seek medical attention if ill effect or irritation develops.  
First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. If eye irritation persists, take medical advice.  
First-aid measures after ingestion : Do not induce vomiting. Immediate medical attention is not required.

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

- Symptoms/injuries : May cause irritation to the digestive tract. Exposure to this product will likely cause irritation to the respiratory system, digestive tract, eyes and skin. Chronic repeated exposure may have more severe effects. overexposure may produce some discomfort and gastrointestinal disturbances but symptoms are reversible and usually disappear when exposure stops. Excessive amounts of magnesium may cause central nervous system depression, respiratory paralysis, and cardiac arrest.  
Symptoms/injuries after skin contact : direct contact may cause skin irritation.  
Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.  
Symptoms/injuries after ingestion : Aluminum compounds, when ingested, may cause constipation. Aluminum is poorly absorbed.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media: : carbon dioxide (CO<sub>2</sub>), water, dry chemical powder.  
Unsuitable extinguishing media : None known.

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

- Fire hazard : Not combustible. On combustion forms: carbon oxides (CO and CO<sub>2</sub>), aluminium oxide, magnesium oxide.  
Explosion hazard : Not identified.  
Reactivity : No data available.

### 5.3. Advice for firefighters

- Firefighting instructions : No data available.  
Protective equipment for firefighters : Extra personal protection: complete protective clothing including self-contained breathing apparatus.

## 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 : Refer to section 8.

### 6.2. Environmental precautions

Avoid discharge to the environment. Do not discharge into drains or the environment. Do not discharge into surface water.

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

- For containment : contain the discharged material. Prevent entry to sewers and public waters.  
Methods for cleaning up : Sweep up or vacuum up the product. Collect spills and put it into appropriated container.

### 6.4. Reference to other sections

Refer to sections 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Avoid inhalation of product. Use only in well-ventilated areas.

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

- Storage condition(s) : Keep container tightly closed and dry. keep away from incompatible materials. Store at room temperature.  
Incompatible materials : Mineral acids.

### 7.3. Specific end use(s)

No reliable data available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Aluminum hydroxide (21645-51-2)

Italy - Portugal - USA ACGIH

ACGIH TWA (mg/m<sup>3</sup>)

1 mg/m<sup>3</sup> respirable particles

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Aluminum hydroxide (21645-51-2)		
Austria	TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Austria	STEL (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup> - Time limit: (2 times x 60 min.)
Germany	TWA (mg/m <sup>3</sup> )	1.5 mg/m <sup>3</sup> respirable particles
Germany	TWA (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup> inhalable particles
Germany	STEL (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> respirable particles (2 times x 15 min.)
Germany	STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> inhalable particles (2 times x 15 min.)
Switzerland	TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>

DNEL : No data available.

PNEC : No data available.

### 8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize exposure to dust. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment : Safety glasses. Gloves. Protective clothing. Dust formation: dust mask.



Hand protection : protective gloves.

Eye protection : safety glasses with side-shields.

Skin and body protection : Wear suitable protective clothing. Wear long sleeves.

Respiratory protection : Dust mask. If airborne concentrations are above the applicable exposure limits, use approved respirator for dust.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Free-flowing slurry.
Colour	: Slurry.
Odour	: Not specified.
Odour threshold	: No data available
pH	: 7.5-8.5
Melting point	: Not applicable
Solidification point	: No data available
Boiling point	: not applicable °C
Flash point	: not applicable °C
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	: Not applicable
Relative density	: No data available
Density	: ~ 1.15 g/ml
Solubility	: No data available
Log Pow	: No data available
Self ignition temperature	: not applicable
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

No data available.

### 10.2. Chemical stability

Stable at normal conditions.

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### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

Mineral acids. maleic anhydride and phosphorus.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>). Aluminium oxides. magnesium oxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

BARCROFT™ AMS CoBlend (All Grades)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal	Not tested
LD50 inhalation	Not tested

Potential Adverse human health effects and symptoms : Exposure to this product will probably cause irritation to the digestive tract, eyes and skin. Chronic repeated exposure may have more severe effects. overexposure may produce some discomfort and gastrointestinal disturbances but symptoms are reversible and usually disappear when exposure stops. Excessive amounts of magnesium may cause central nervous system depression, respiratory paralysis, and cardiac arrest. Aluminum compounds, when ingested, may cause constipation.

## SECTION 12: Ecological information

### 12.1. Toxicity

BARCROFT™ AMS CoBlend (All Grades)	
LC50 fishes	96 h, not tested
LC50 micro-organisms	5 h, not tested
EC50 Daphnia	48 h, not tested
EC50 algae	72 h, not tested

### 12.2. Persistence and degradability

BARCROFT™ AMS CoBlend (All Grades)	
Persistence and degradability	No available data.

### 12.3. Bioaccumulative potential

BARCROFT™ AMS CoBlend (All Grades)	
Bioaccumulative Potential	No available data.

### 12.4. Mobility in soil

BARCROFT™ AMS CoBlend (All Grades)	
Ecology - soil	No available data.

### 12.5. Results of PBT and vPvB assessment

BARCROFT™ AMS CoBlend (All Grades)	
Results of PBT assessment	No data available.

### 12.6. Other adverse effects

Other adverse effects : No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Dispose of contents/container to comply with applicable local, national and international regulations.

Waste disposal recommendations : Dispose of at authorized waste collection point. Dispose of contents/container to an industrial incineration plant.

## 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.

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### 15.1.2. National regulations

No reliable data available.

### 15.2. Chemical safety assessment

CSA has not been carried out

## SECTION 16: Other information

Sources of Key data : SDS.  
Abbreviations and acronyms : ACGIH (American Conference of Government Industrial Hygienists). ASTM - American Society for Testing and Materials . CAS (Chemical Abstracts Service) number. CLP - Classification, Labelling and Packaging. CSR: Chemical Safety Report. EC - European Community. EEC: European Economic Community. GHS - Globally Harmonised System. IARC (International Agency for Research on Cancer). Overland transport (ADR). PVC (Polyvinyl chloride). 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.*