

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 PRODUCT IDENTIFIER

Name of the product: Chalk. Supplied in powder, block, chunks.

### 1.2 RELEVANT IDENTIFIED USES OF SUBSTANCE/MIXTURE AND USES ADVISED AGAINST

Use of substance/mixture: Hands use only.  
Limits hands perspiration, for climbing activities.

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company Name **C.A.M.P. SpA**  
**Costruzione Articoli Montagna Premana**  
Via Roma, 23 - 23834 Premana (LC) - Italy  
Tel. +39 0341 890117  
[www.camp.it](http://www.camp.it) - [contact@camp.it](mailto:contact@camp.it)

### 1.4 EMERGENCY TELEPHONE NUMBER

UK: NHS 111 Tel. +44 111  
US: Poison Help line Tel. +1-800-222-1222  
If in another Country, contact the relevant national authorities.

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 (CLP)

Not classified.

### 2.2 LABEL ELEMENTS ACCORDING TO REGULATION (EC) NO. 1272/2008 (CLP)

Hazard pictograms: None.  
Signal word: None.  
Hazard statements: Not applicable.  
Precautionary statements: Not required.

### 2.3 OTHER HAZARDS

Not known.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 SUBSTANCE

CAS NUMBER/EC NUMBER	NAME	%	CLASSIFICATION
546-93-0 / 208-915-9	Magnesium carbonate	-	-

## SECTION 4: FIRST AID MEASURES

Magnesium carbonate (magnesite) is a mineral found in nature.

## CHALK

Ref. 311001 – 311002 – 311101 – 311102 – 311103 – 311104 – 311105 – 311201 – 3113 – 3114

### Treatment procedures:

Magnesite → Calcination →  $4\text{MgCO}_3\text{Mg(OH)}_2\cdot 5\text{H}_2\text{O}$  → Grinding → Final product

### Certifications:

- Production of raw material complies with ISO 9001.
- Certified for food use.
- Does not contain heavy metals.
- Does not contain allergens.
- Gluten free.

Hygroscopic material: keep in a dry environment.

### 4.1. DESCRIPTION OF FIRST AID MEASURES

General:	If medical advice is needed, have product container or label at hand. Call a POISON CENTER or doctor/physician if you feel unwell.
If inhaled:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
If skin irritation or a rash occurs:	Wash with plenty of soap and water. Get medical advice/attention.
If in eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
If ingested:	If the victim is conscious, make them drink water and induce vomiting. Get medical advice/attention. Call a POISON CENTER or doctor/physician.

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

If inhaled:	No specific symptoms noted.
Skin contact:	No specific symptoms noted.
If in eyes:	No specific symptoms noted.
If ingested:	No specific symptoms noted.

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Symptoms:	Treat the symptomatically.
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## **SECTION 5: FIREFIGHTING MEASURES**

### 5.1. EXTINGUISHING MEDIA

This product is not flammable. Use fire extinguishing media appropriate for surrounding materials

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

None under normal conditions.

### 5.3. ADVICE FOR FIREFIGHTERS

No specific fire-fighting procedures given.

## SECTION 6: ACCIDENTAL RELEASE MEASURE

### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Protective equipment:	See section 8.
Personal precautions:	<ul style="list-style-type: none"><li>- Do not get in eyes and on skin.</li><li>- Do not breathe dust.</li></ul>
Emergency procedures:	<ul style="list-style-type: none"><li>- Ventilate the place.</li></ul>

### 6.2. ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment, drains or watercourses.

### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Containment:	Collect spilled product in open containers. Where appropriate, moisten the area to avoid dust dispersion.
Cleaning up:	Clean the contaminated area. Do not use acids.

### 6.4. REFERENCE TO OTHER SECTIONS

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. PRECAUTIONS FOR SAFE HANDLING

Protecting equipment:	See section 8.
Safety precautions:	<p>Do not handle until all safety precautions have been read and understood.</p> <ul style="list-style-type: none"><li>- Do not get in eyes/skin/clothes.</li><li>- Do not inhale.</li><li>- Do not breathe dust.</li><li>- Wash hands/skin thoroughly after handling.</li><li>- Do not eat, drink, or smoke when using this product.</li><li>- Minimize dust generation and accumulation.</li><li>- Use the product with adequate ventilation.</li></ul>

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Read label before handling the containers.
- Keep only in original container/packaging.
- Store in a dry and ventilated place.
- Keep away from strong acids and incompatible substances.

### 7.3. SPECIFIC END USE(S)

This product should only be used for the applications described in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

Exposure Limit Value: TWA: 5mg/m<sup>3</sup> – 8h.

Threshold Limit Value:

ACGIH 5mg / m<sup>3</sup> of respirable particles and 10 mg / m<sup>3</sup> of inhalable particles.

NIOSH 10mg / m<sup>3</sup> TWA (total dust); 5mg / m<sup>3</sup> TWA (respirable dust)  
(Appears in list as magnesium carbonate).

OSHA 15 mg / m<sup>3</sup> (total dust; 5mg / m<sup>3</sup> (respirable fraction)

### 8.2. EXPOSURE CONTROLS

General protection and hygiene measures: Handle in accordance with good industrial hygienic practice and safety instructions. Wash hands before breaks and at the end of the working day.

General measures: Only use PPE with CE marking.

Eye protection: Wear protective glasses in case of dust.

Respiratory protection: Normally not required. In case of dust wear a mask with particulate filter suitable for the atmospheric concentration of the substance.

Skin and hands protection: Normally not required. If irritation occurs, stop exposure.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: solid

APPEARANCE: powder / ragged chunks

COLOUR: white

ODOUR: odorless

MOLECULAR WEIGHT: 485,52

SPECIFIC WEIGHT: 2,16

DECOMPOSITION TEMPERATURE: above 250°C

SOLUBILITY: slightly soluble in water (0,04g/100ml water)

### 9.2. OTHER INFORMATION

No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. REACTIVITY

No reactivity problems when under the conditions explained in section 7.

### 10.2. CHEMICAL STABILITY

The product is stable under the conditions explained in section 7.

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No hazardous reactions if under the conditions explained in section 7.

### 10.4. CONDITIONS TO AVOID

Mix with acids.

### 10.5. INCOMPATIBLE MATERIALS

Keep away from strong acids and incompatible substances.

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity: not classified

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. TOXICITY

Ecotoxicological effects: the product is not classified as dangerous for the environment.

#### MAGNESIUM CARBONATE

Acute ecotoxicity: no specific data.

- Crustaceans: C, EC50, 28 days, 1.355mg/l.

Chronic Ecotoxicity: no specific data.

- Fish: Salmo gairdneri, LC50, reproduction 28 days, 1,355mg/l

- Crustaceans: Daphania magna EC50, reproduction 21 days, 125mg/l

- Crustaceans: Daphania magna LOEC, reproduction 21 days, 82 mg/l

### 12.2. PERSISTENCE AND DEGRADABILITY

Persistence:

#### MAGNESIUM CARBONATE

Magnesium Carbonate precipitation (inorganic product).

Degradability: rapid degradability in water.

### 12.3. BIOACCUMULATIVE POTENTIAL

No data available.

### 12.4. MOBILITY IN SOIL

Do not allow the product to enter drains or watercourses.

Prevent penetration into the ground.

Mobility:

#### MAGNESIUM CARBONATE

As solid aerosols.

## 12.5. RESULTS OF PBT AND VPVB ASSESSMENT

The product does not contain PBT and vPvB substances.

## 12.6. ENDOCRINE DISRUPTING PROPERTIES

The product does not contain substances identified as having endocrine disrupting properties for human health.

## 12.7. OTHER ADVERSE EFFECTS

Unknown

## **SECTION 13: DISPOSAL CONSIDERATION**

### 13.1. WASTE TREATMENT METHODS

- Do not release to the environment, to drains or watercourses.
- Waste and empty containers must be handled and disposed in accordance with local and national regulations.
- Dispose of the product in certified landfills, or neutralize it with HCL (hydrochloric acid, for elimination of large quantities).
- Follow the provisions of Directive 91/689/EEC regarding waste management.

Empty containers:

- Rinse empty containers with water. Treat the effluent like wastes or bring empty containers to an approved incineration facility industry.
- Empty and clean containers may be reused, in accordance with local legislations.

## **SECTION 14: TRANSPORT INFORMATION**

No specific indication for safe transportation.

## **SECTION 15: REGULATORY INFORMATION**

### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

- DIRECTIVE 92/85/EEC on the introduction of measures to encourage improvements in the safety and health of workers who are pregnant, have recently given birth or are breastfeeding.

- DIRECTIVE 94/33/EC of 22 June 1994 on the protection of young people at work.

- REGULATION (EC) NO 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

- REGULATION (EC) NO 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

- COMMISSION REGULATION (EU) NO 453/2010 of 20 May 2010, amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and

Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

- COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

### 15.2. CHEMICAL SAFETY ASSESSMENT

Chemical safety assessment of the mixture: not carried out.

## SECTION 16: OTHER INFORMATION

### 16.1. OTHER INFORMATION

This Safety Data Sheet integrates but not replaces all the technical instruction for a correct use of the product. The document has been redacted based on our present knowledge and of the current EC and national laws. This Sheet does not exempt the user from knowing and applying all legislative and administrative texts regulating the product activity, the protection of human health and the protection of the environment. The product should not be used for purposes other than those specified. It is the responsibility of the user to understand and take all the measures for a safe and correct use of the product. It is the responsibility of the user to take appropriate precautions when using the product.

Do not mix or combine the product with other substances.

For a correct handling of large quantities of product (>120L/20Kg):

Handle in accordance with good industrial hygienic practice and safety instructions. Wash hands before breaks and at the end of the working day. Avoid contact with the skin.

### 16.2. DATE OF THE LATEST REVISION OF THE SDS

March 2022.