

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

1.1 PRODUCT IDENTIFIER

Name of the product: Liquid Chalk. Supplied in 150 ml bottles.
UFI: MCGY-3QJC-JNNV-XSRR

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 - 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)

HAZARD CLASS AND CATEGORY CODE	HAZARD STATEMENT CODE
Flam. Liq. 3	H226
Skin Sens. 1	H317
Eye Irrit. 2	H319

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

Hazard pictograms:



Signal word:

Warning

Hazard statements:

H226	Flammable liquid and vapor.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Precautionary statements:

- General: - P102 Keep out of reach of children.
- Prevention: - P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P233 Keep container tightly closed.
- P271 Use only outdoors or in a well-ventilated area.
- Response: - P333 + P313 If skin irritation or rash occurs: Get medical attention.
- P305 + P351 + P338 IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- Storage: - P403 + P235 Store in a well-ventilated place. Keep cool.
- Disposal: - P501 Dispose of contents / container in accordance with local regulations.

2.3. OTHER HAZARDS

Not known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. MIXTURES

CAS NUMBER/EC NUMBER	NAME	%	CLASSIFICATION
64-17-5 / 200-578-6 67-63-0 / 200-661-7	Ethanol, Ethyl Alcohol Propan-2-ol	>70%	Flam. Liq. 3, H226 Eye Irrit. 2, H319
546-93-0 / 208-915-9	Magnesium carbonate	-	-
56-81-5 / 200-289-5	Glycerol	-	-
-	Styracaceae balm	-	-

For extended Hazard definition, see section 2.2.

SECTION 4: FIRST AID MEASURES

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: Rinse mouth. Do NOT 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:	Possible respiratory tract irritation, cough, headache.
Skin contact:	Possible allergic skin reaction (irritation, rash).
If in eyes:	Causes serious eye irritation.
If ingested:	Possible intoxication, nausea.

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

Symptoms:	Treat the symptoms. Do not induce vomiting in an unconscious person.
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SECTION 5: FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Recommended:	<ul style="list-style-type: none">- CO² powder and halon fire extinguishers.- Dry powder, foam, sand.- Spray water.
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Not recommended:	Do not use waterjet: it may spread the fire.
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5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Warning:	Flammable liquid and vapour.
In case of fire:	<ul style="list-style-type: none">- Dense smoke.- Hazardous degradation products (carbon dioxide, carbon monoxide and other gases). Exposure can cause health risks.

5.3. ADVICE FOR FIREFIGHTERS

In the event of fire, wear respiratory autonomous protection. Wear protective clothing and appropriate gloves. Containers close to fire should be removed or cooled with water.

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">- Do not get in eyes and on skin.- Do not breathe dust/fume/vapours.
Emergency procedures:	<ul style="list-style-type: none">- Ventilate the place.- In case of fire: use extinguishing media named in section 5 to extinguish. Eliminate all ignition sources.

6.2. ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment, drains or watercourses. Major spills shall be reported immediately to the competent authority.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Containment:	Collect spilled product with absorbent non-combustible material (dirt, sand, vermiculite, sawdust, diatomaceous earth). Collect in a container for disposal, in accordance with local regulations.
Cleaning up:	Clean immediately the contaminated area. Do not use solvents.

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:	Do not handle until all safety precautions have been read and understood. <ul style="list-style-type: none">- Do not subject containers to pressure.- Take action to prevent static discharges.- Do not get in eyes.- Do not inhale.- Do not breathe dust/fume/vapours.- Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.- Use only non-sparking tools.- Use explosion-proof electrical/ventilating/light equipment.- Wash hands/skin thoroughly after handling.- Do not eat, drink, or smoke when using this product.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Read label before handling the containers.
- Store the product in accordance with local regulations.
- Keep only in original container/packaging.
- Store between 5 and 35°C, in a dry and ventilated place.
- Protect from sunlight.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

Occupational exposure limits:	OEL of Ethanol: 1000 ppm
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8.2. EXPOSURE CONTROLS

Technical prevention measures:	Air gas concentrations should be kept below the relevant limit values.
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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. Avoid contact with the skin.
General measures:	Only use PPE with CE marking.
Eye protection:	Wear protective glasses if there is a risk of contact.
Respiratory protection:	Normally not required. In case of vapors/aerosols use a mask.
Skin and hands protection:	Normally not required. In case of prolonged contact with the product, it is recommended to use suitable protective gloves and/or a protective cream. If irritation occurs, stop exposure.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Single components:

MAGNESIUM CARBONATE

- PHYSICAL STATE: solid
- COLOUR: white
- ODOUR: odorless
- MELTING POINT: 300°C at 1,013hPa
- DECOMPOSITION TEMPERATURE: above 250°C
- pH: 10/11(water 50g/L; 20°C)
- SOLUBILITY: slightly soluble in water (0.04g/100ml water)
- VAPOUR PRESSURE: 2,16g/cm³ at 20°C
- MOLECULAR WEIGHT: 485,52
- SPECIFIC GRAVITY: 2,16

ALCOHOL (Ethanol, Propan-2-ol)

- PHYSICAL STATE: liquid
- COLOUR: colorless
- ODOUR: alcohol
- FREEZING POINT: -114,0°C
- BOILING POINT: 78,0°C
- FLASH POINT: 16,0°C
- AUTO-IGNITION TEMPERATURE: 422,7°C
- SOLUBILITY: xylene, toluene, acetate
- VAPOUR PRESSURE: 1,07-1,09 g/cm³(Air=1)
- DENSITY: 789,0 Kg/m³
- REFRACTIVE INDEX AT 15°C: 1365,1
- VISCOSITY AT 15°C (POISES): 0,014

GLYCEROL

- PHYSICAL STATE: liquid
- COLOUR: brown
- ODOUR: sweet
- MELTING POINT: 18°C
- BOILING POINT: 290°C

LIQUID CHALK

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- FLASH POINT: 160°C
- AUTO-IGNITION TEMPERATURE: 400°C
- pH: 5
- VISCOSITY: 1069
- SOLUBILITY: >500g/L (20°C) in water
- RELATIVE DENSITY: 1,261 g/ml

STYRACACEAE BALM

- PHYSICAL STATE: liquid
- COLOUR: brown
- ODOUR: balm.
- pH: 4,35 – 5,20
- SOLUBILITY: soluble in water
- RELATIVE DENSITY: 0,880 – 0,920 g/ml
- REFRACTIVE INDEX: 1,372 – 1,400

Mixture:

PHYSICAL STATE AT 20°: liquid
APPEARANCE: gel
COLOUR: very light brown
ODOUR: alcohol

MAGNESIUM (ICP): 10,2% p: p
DENSITY: 0,935 Kg / L; at 20°C
DYNAMIC VISCOSITY: 33,3 mPa/s; at 20°C
SURFACE TENSION: 26,9 mN/m
ALCOHOL: > 70% (potentially disinfectant)
FLASH POINT: 28,0°C
CATEGORY: 3
PACKAGING: III

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

Avoid high temperature (close to the mixture flash point).
Do not mix with acids/alkalis.

10.5. INCOMPATIBLE MATERIALS

Keep away from oxidizing agents/acids/strongly alkaline material.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire: carbon monoxide, carbon dioxide, nitrogen oxide, fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity: not classified

ETHANOL

ORAL (LD50 values)
Mouse: 7060mg/kg

INHALATION (LD50 values)
LC50: male: 51mg/l, female: 55mg/l
Mouse: LC50>60000ppm

DERMAL
No reliable data. Information indicates LC50>15800mg/l

Skin corrosion/irritation: The product can cause skin irritation.

Serious eye damage/irritation: If in eye, the product can cause eye irritation.

Respiratory or skin sensitization: If inhaled, the product can cause mucosa irritation.

Germ cell mutagenicity: not classified

Carcinogenicity: not classified

Reproductive toxicity: not classified

STOT-single exposure: not classified

STOT-repeated exposure: not classified

11.2 INFORMATION ON OTHER HAZARDS

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

Other information: Repeated or prolonged contact with the product can cause the removal of oil from the skin, giving rise to a non-allergic contact dermatitis as the product is absorbed through the skin.

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

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

ETHANOL/PROPAN-2-OL

In high concentrations it is harmful to aquatic life.
No relevant damage in water purifier if used properly.
- Fish. L.idus toxicity LC50, 8140 mg / 1-48h

- Daphnia. toxicity daphnia magna EC 9268, 1422 mg / 1-48h
- Algae. limit toxic concentration, Sc. Cuaricuada CI5 5000 mg / 1-7 d.
- Bacteria. Toxicity Ps.putida CE5 6500 mg/l; Protozoa E.sulcatum CE565 mg/l - 72 h.

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

STYRACACEAE BALM

No data referring to styracaceae balm alone.

As its concentration in the mixture is less than 1%, the occurrence of ecological effects is considered unlikely. The product has natural origins.

GLYCEROL

LC50: 51-57 mL/L, 96h static.

12.2. PERSISTENCE AND DEGRADABILITY

Persistence:

ETHANOL/PROPAN-2-OL

Rapid degradation in water.

MAGNESIUM CARBONATE

Magnesium Carbonate precipitation (inorganic product).

STRYACACEAE BALM

Due to low percentage (<1%), no specific data available.

GLYCEROL

Persistence unlikely.

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:

ETHANOL/PROPAN-2-OL

Ecologic. Behavior compartments log P (oct): -0.32

MAGNESIUM CARBONATE

Weak solubility and mobility.

STRYACACEAE BALM

Due to low percentage (<1%), no data available.

GLYCEROL

Soluble in water. High mobility in water systems.

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.
- Contaminated lands should be managed through authorized agents.
- Waste and empty containers must be handled and disposed in accordance with local and national regulations.
- Follow the provisions of Directive 91/689/EEC regarding waste management.

SECTION 14: TRANSPORT INFORMATION

ADR 2021 / IMDG 37-14

14.1. <u>UN NUMBER</u>	1987
14.2. <u>UN PROPER SHIPPING NAME</u>	ALCOHOLS, N.O.S.
14.3. <u>TRANSPORT HAZARD CLASS(ES)</u>	3
14.4. <u>PACKING GROUP</u>	III
14.5. <u>ENVIRONMENTAL HAZARDS</u>	Not applicable.
14.6. <u>SPECIAL PRECAUTIONS FOR USER</u>	Warning: Flammable liquids
14.7. <u>TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE</u>	Not applicable.

Other information:

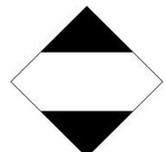
Limited Quantity: 5L

PACKAGING:

Note: depending on the type and capacity of the container ($\leq 5L$), one or both packages will be applied. Requirements and information contemplated in the ADR 2021 Standard and earlier.

FIRST PACKING

The box is identified with a white diamond with a black frame, indicating the presence of non-harmful alcohol.



SECOND PACKING

The box is identified with a white diamond with a black frame, indicating the presence of non-harmful alcohol, together with the following indication:

"SOBREEMBALAJE / OVERPACK; CANTIDADES LIMITADAS / LIMITED QUANTITY", indicating "UN 1987".

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 (>20L):



MATERIAL SAFETY DATA SHEET

LIQUID CHALK

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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.