

SAFETY DATA SHEET

Gymnastic Chalk

Revision date: 10.11.2021

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

1.1 Product identifier

Trade name Gymnastic Chalk

Version number 1.1

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

Uses of the chemical Gymnastics chalk.

Uses advised against Not recommended for purposes other than the uses for which the product is intended.

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification Eleiko Group AB
Klastorpsvägen 18
SE-302 62 Halmstad
SWEDEN
Phone: +46 35 17 70 70

E-mail info@eleiko.com

Responsible person ELEIKO INTERNATIONAL

Author Sensor Chemcontrol AS - Jens Krotseng

1.4 Emergency telephone number **Poison Information Centre: +47 22 59 13 00.**

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to 1272/2008EC The substance or the mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

2.2 Label elements

Packaging requirements According to the CLP regulation, there is NO requirement for child-proof closure or tactile warning marking.

Hazard statement(s) The product is exempted from the labeling requirements of Regulation (EC) No 1272/2008.

Precautionary statements

General P102 Keep out of reach of children.

Prevention P260 Do not breathe dust.

2.3 Other hazards

Dust irritates the eyes and respiratory tract. In case of prolonged and repeated unprotected exposure; risk of lung disease.

May cause tear flood and temporary visual disturbances.

The chemical does not contain endocrine disruptors above 0.1%, according to (EU) 2017/2100 or (EU) 2018/605.

REACH Annex XIII regulations regarding PBT or vPvB substances is not applicable for the product.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Ingredients	Identification	Classification	Note	Weight%
Magnesium Carbonate	Ec/Nlp nr: 208 915 9 Cas nr: 546 93 0		Z	90 - 100

Explanation

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Ingredients comments

The classification applies to each substance, not the product.
All concentrations are listed as weight percent.

Note Z: Although the component are not classified as dangerous according to Regulation (EC) No 1272/2008, it provides valuable information to the product composition.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Symptomatic treatment with inhalation of dust. Fresh air, warmth and rest, preferably in a comfortable, half-sitting position. Keep respiratory tract open.

Skin contact

Seek medical attention if irritation persists.

Eye contact

In case of contact with eyes, rinse immediately with plenty of water. If eye irritation persists: Get medical advice/attention.

Ingestion

Give something to drink, such as water, milk, juice. DO NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Dust can cause mechanical irritation of the mucous membranes with irritating symptoms such as cough and sore throat, runny, red eyes and burning.

4.3 Indication of any immediate medical attention and special treatment needed

By accident or malaise, consult a doctor immediately. Show label, instructions or the MSDS.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water spray, foam, CO₂ or powder.

Extinguishing media which shall not be used

Avoid using directed water jets during extinguishing work.

5.2 Special hazards arising from the substance or mixture

Not known

5.3 Advice for firefighters

Firefighters should use standard protective flame resistant jacket, helmet with face shield, gloves, rubber boots and self-contained breathing apparatus in confined areas.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8.2 of the material safety data sheet.

6.2 Environmental precautions

Avoid release to the environment. Avoid generation and spreading of dust.

6.3 Methods and material for containment and cleaning up

Sweep together and collect. Deliver to nearest refuse disposal terminal.

6.4 Reference to other sections

See section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 12 for information on ecology.
See section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Reduce dust emissions while unpacking the product.
Handle in accordance with good hygiene and safety practice. Operating instructions should be followed to ensure safe use and best results. Do not handle in such a way that dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a cool, dry place. Keep out of reach of children.

7.3 Specific end use(s)

Gymnastics chalk.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

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Limit values notes	No occupational exposure limits are relevant for the product.
8.2 Exposure controls	
Exposure controls	Common sense and safety precautions should always be used when handling chemicals. Ensure that all containers are properly labeled to prevent accidental exposure or improper use. Ensure good working hygiene. Make use of recommended safety equipment. Provide adequate exhaust ventilation, or ventilation in the workplace. Avoid contact with eyes and skin.
Respiration protection	Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. The European Committee for Standardisation (CEN) standards EN136, EN140 and EN405 specify respirator masks and EN149 and EN143 specify filter recommendations.
Eye protection	Wear safety goggles if there is a risk of dust into the eyes.
Hand protection	The product is probably not harmful in contact with skin.
Skin protection	Not required under normal use of the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
a) Physical state	Solid (powder)
b) Colour	whitish
c) Odour	No odor
d) Melting point/freezing point	Not relevant due to the form or condition of the chemical.
e) Boiling point or initial boiling point and boiling range	Not relevant due to the form or condition of the chemical.
f) Flammability	The product is not combustible
g) Lower and upper explosion limit	Not relevant - the product is not flammable or explosive.
h) Flash point	Not relevant - the product is not flammable
i) Auto-ignition temperature	Not self-igniting
j) Decomposition temperature	350 °C
k) pH	10,4
l) Kinematic viscosity	Not relevant due to the form or condition of the chemical.
m) Solubility	Miscible with water
n) Partition coefficient	Not relevant - inorganic substance.
o) Vapour pressure	Not relevant due to the form or condition of the chemical.
p) Density and/or relative density	2.2 g/cm ³
q) Relative vapour density	Not relevant because of the form and condition of the chemical.
r) Particle characteristics	Not known
9.2 Other information	The physical and chemical properties specified in section 9.1 applies to the product and not to the individual ingredients or propellant gas, unless otherwise stated.
Relative evaporation rate	Not relevant due to the form or condition of the chemical.
Explosive properties	Not explosive
Bulk density	0.20 g/cm ³

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Not known
10.4 Conditions to avoid	Protect from moisture.
10.5 Incompatible materials	Not known

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10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products are unlikely to form. No decomposition during normal storage.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

a) Acute toxicity	Repeated or prolonged inhalation of particles can cause respiratory diseases. Ingestion may cause irritation of mouth, throat and digestive tract.
b) Skin corrosion/irritation	Skin contact may cause irritation. May irritate moist skin.
c) Serious eye damage/ irritation	May cause mechanical irritation.
d) Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
e) Germ cell mutagenicity	Based on available data, the classification criteria are not met.
f) Carcinogenicity	Based on available data, the classification criteria are not met.
g) Reproductive toxicity	Based on available data, the classification criteria are not met.
h) STOT-single exposure	Based on available data, the classification criteria are not met.
i) STOT-repeated exposure	Frequent inhalation of dust over a long period of time increases the risk of pulmonary dysfunction and the development of lung diseases.
j) Aspiration hazard	Based on available data, the classification criteria are not met.
11.2. Information on other hazards	Probable route of exposure: Skin contact. Inhalation of dust or airborne particles.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No eco-toxic effect known. No harmful long-term effects are expected on aquatic organisms.
12.2 Persistence and degradability	The product is not biologically degradable.
12.3 Bioaccumulative potential	Bioaccumulation data are not available.
12.4 Mobility in soil	Not known
12.5 Results of PBT and vPvB assessment	Not relevant for inorganic substances. The chemical does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.
12.6 Endocrine disrupting properties	The chemical does not contain endocrine disruptors above 0.1%, according to (EU) 2017/2100 or (EU) 2018/605.
12.7 Other adverse effects	Not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	
Disposal group	EWC code assessed by the end user, if necessary EWC: 16 01 99 wastes not otherwise specified. The EWC code are for illustrative purposes only. Always check the waste codes in view of the current state the product is in. The final waste groups and tags must be determined by the user, based on the actual use of the product.
Packings	Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.
Additional information	The product shall not be allowed to enter drains, waterways, groundwater or the environment. Smaller quantities may be disposed of with household garbage.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number	Inte reglerad
14.2 UN proper shipping name	n/a
14.3 Transport hazard class(es)	
ADR/RID class	n/a
14.4 Packing group	n/a
14.5 Environmental hazards	n/a

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14.6 Special precautions for user	n/a
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	n/a

SECTION 15: REGULATORY INFORMATION

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

COMMISSION DELEGATED REGULATION (EU) 2020/217 of 4 October 2019 (ATP14).

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) 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).

Transport of hazardous goods: ADR, RID, IMDG, IATA (2017).

COMMISSION DIRECTIVE (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU

ECHA (European Chemicals Agency) C&L Inventory database.

European Waste Catalogue and Hazardous Waste List Valid from 1 January 2002.

15.2 Chemical safety assessment

The information in this safety data sheet should not be regarded as the user's own risk assessment. It is always the user's responsibility to take all necessary steps in order to meet the requirements of the local rules and regulations.

Additional information

Classification of this product is given on the basis of the available information from the vendor.

SECTION 16: OTHER INFORMATION

Key literature references and sources for data

Material safety data sheet from the supplier.

Abbreviations in the document

n/a - No relevant information.
EWC - European Waste Catalogue codes.
vPvB - very Persistent and very Bioaccumulative (require special attention under REACH).
PBT - Persistent, Bioaccumulative and Toxic.
LC50 - The concentration of a chemical in air or water as for a particular group of experimental animals which leads to more than 50% deaths over a given period of time.
LD50 - The amount of a chemical given to a particular group of experimental animals that leads to deaths of 50%.
STOT - Toxic effect on certain organs.
bw/day - body weight / day

First released

10.11.2021

Additional information

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--- SAFETY DATA SHEET conforming to commission regulation (EC) 1272/2008 and (EU) 2020/878 ---