



Material Safety Data Sheet

1. Identification of the substance / preparation and company

- Product name: Gymnastics Chalk
- Chemical name: Basic Magnesium Carbonate
- Formula: $4\text{MgCO}_3 \bullet \text{Mg}(\text{OH})_2 \bullet 4\text{H}_2\text{O}$
- Company name: Cypher Climbing
- Address: 9816 S 500 W Sandy, UT 84070
- Phone: 800-366-2666

2. Composition / Information on Ingredients

- Chemical Characterization: Basic Magnesium Carbonate
- CAS Number: 546-93-0
- EC Number (EINECS): 208-915-9

3. Hazard Identification

- Does not present any hazard to human health and the environment

4. First Aid Measures

- Inhalation: Support patient, move fresh circulation of air

- Skin contact: Wash with soap & water
- Eye contact: Flush eyes with running water for several minutes
- Ingestion: Rinse the mouth thoroughly, not emetic. In case of persistent symptoms, consult doctor.

5. Fire Fighting Measures

- Common extinguishing means: In case of fire in close proximity, all means of extinguishing are acceptable
- Inappropriate extinguishing means: No restriction
- Specific hazards: Non-combustible
- Protective measures: The product does not require any special precautions

6. Accidental Release Measures

- Person-related safety precautions: Not required
- Measures for environment protection: No special measures required
- Cleanup methods: Collect the products with suitable means avoiding dust formation. Clean the area with large quantities of water.

7. Handling and Storage

- Handling: Operate in a well-ventilated area
- Storage: Keep enclosed in original packaging, in a dry area

8. Exposure Control and Personal Protection

- Respiratory protection: Use dust mask if in dusty situations
- Hand protection: Wear protective gloves

- Eye protection: Wear protective goggles

9. Physical and Chemical Properties / Characteristics

- Skin & body protection: Wear work uniform
- Appearance: Powder
- Color: White
- pH value: 10.4
- Melting point: 350°C (Decomposition)
- Specific Gravity: 2.2g/cm³
- Bulk Density: 0.20g/cm³
- Solubility: Soluble in water
- Smell: Odorless
- Boiling point / Range: Not applicable
- Flash point: Not applicable
- Volatilization velocity: None
- Distribution coefficient (octanol/water): None
- Danger of explosion: Non-explosive

10. Stability and Reactivity

- Stability: Stable under normal conditions of use
- Special conditions of hazardous reaction: Contact with acids liberate CO₂, sometimes violently
- Conditions to avoid: Negligible
- Incompatibility: Acid liquid
- Hazardous Decomposition: None

11. Toxicological Information

- Acute toxicity: None
- Sensitization: None
- Exceptional effect: None
- Irritation: No irritant effect

12. Ecological Information

- Possibility of environmental impact / move: Negligible
- Water / soil result: Low solubility and mobility, generally not hazardous for water / soil

13. Disposal Information

- Water treatment: Dispose of product at a landfill authorized for industrial waste. Smaller quantities can be disposed with household garbage.
- Packaging treatment: Dispose of the containers by dispatching them to an approved industrial incineration facility.

14. Transport Information

- None

15. Regulation Information

- Apply regulation: Designation according to EC guidelines. The material is not subject to classification to EC lists and other sources of literature known to us.

16. Other Information

- These data are based on our current knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

