

Safety Data Sheet (SDS) Revised Jan 6. 2017

1. Identification of the substance / preparation and company

Product name : Gymnastic Chalk
 Chemical name : Basic Magnesium Carbonate
 Formula : $4\text{MgCO}_3 \cdot \text{Mg}(\text{OH})_2 \cdot 4\text{H}_2\text{O}$
 Company name : Yuncheng Chemical Industrial Co., Ltd.
 Address : No.19 Kuangwen Road, Shanhua, Tainan, Taiwan, R.O.C.
 Phone / Fax : 886-6-5837221 / 886-6-5830223

2. Hazard Identification

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

3. Composition / Information on Ingredients

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

4. First Aid Measures

Emergency and First Aid Procedures

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 environmental 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 : In a dry area.
 Keep in original packaging, closed.

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.
 Skin & Body Protection : Wear working uniform.

9. Physical and Chemical Properties / Characteristics

Appearance : powder
 Color : white
 pH value : 10.4
 Melting point : 350°C (Decomposition)
 Specific Gravity : 2.2g/cm³
 Bulk Density : 0.20 g/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 liberates 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

Waste 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

According to IATA regulations and IMDG Code, this is non-dangerous.

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.