

## Camag Booster Material Safety Data Sheet

### Section 1 – Chemical Product and Manufacturer’s Information

- 1) Product Name: Camag Booster
- 2) Description: Mixture of Corosex (Magnesium Oxide) and Calcite (Calcium Carbonate)
- 3) Manufacturer’s Information
  - Manufacturer’s Information: E-ROTEK WATER SYSTEMS CO., LTD.
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  - Telephone: +886-8-751-1181 #12, #14
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  - Web: [www.rotekwater.com](http://www.rotekwater.com)

### Section 2 – Composition, Information on Ingredients

Ingredient	CAS No.:	Conc %
Corosex (Magnesium Oxide)	1309-48-4	60%
Calcite (Calcium Carbonate)	1317-65-3	40%

### Section 3 – Hazards Identification

- 1) GHS Classification:
  - Physical Hazards: Not classified.
  - Health Hazards: STOT RE 1 - May cause lung damage with prolonged exposure.
  - Environment: Not classified.
- 2) Signal Word: Warning
- 3) Hazard Statements:
  - H372: Causes damage to lungs through prolonged or repeated exposure via inhalation.
- 4) Precautionary Statements:
  - P260: Do not breathe dust.
  - P285: In case of inadequate ventilation, wear respiratory protection.

### Section 4 – First Aid Measures

- 1) Inhalation: Move to fresh air. Seek medical advice if symptoms persist.
- 2) Skin Contact: Wash skin with soap and water.
- 3) Eye Contact: Rinse with water for several minutes. Get medical attention if irritation persists.
- 4) Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical advice if necessary.

## **Section 5 – Fire Fighting Measures**

- 1) Suitable Extinguishing Media: Use water spray, foam, dry powder, or carbon dioxide.
- 2) Special Hazards: Non-combustible, but magnesium oxide fumes may be generated if heated above 1700°C.

## **Section 6 - Accidental Release Measures**

- 1) Personal Precautions: Avoid dust formation. Wear suitable respiratory protection.
- 2) Cleanup Methods: Sweep or vacuum up the material and place it in suitable disposal containers.

## **Section 7 - Handling and Storage**

- 1) Handling: Avoid creating dust. Use adequate ventilation if dust is generated.
- 2) Storage: Store in a cool, well-ventilated area away from acids and incompatible materials.

## **Section 8 - Exposure Controls, Personal Protection**

- 1) Exposure Limits:
  - Magnesium Oxide: ACGIH TWA 10 mg/m<sup>3</sup>
  - Calcium Carbonate: OSHA PEL 15 mg/m<sup>3</sup>
- 2) Personal Protection:
  - Respiratory: Use NIOSH-approved respirators if dust is present.
  - Eye Protection: Safety goggles are recommended.
  - Hand Protection: Wear protective gloves.

## **Section 9 - Physical and Chemical Properties**

- 1) Appearance: Brownish white and White fine grain
- 2) Odor: Odorless
- 3) Melting Point: Corosex - 2827°C, Calcite decomposes at ~825°C
- 4) Solubility: Slightly soluble in water

## **Section 10 - Stability and Reactivity**

- 1) Stability: Stable under normal conditions.
- 2) Incompatible Materials: Acids
- 3) Hazardous Decomposition: Magnesium oxide fumes at high temperatures.

## **SECTION 11: Toxicological Information**

- 1) Acute Toxicity: Magnesium Oxide LD50 (oral, rat) 3990 mg/kg.
- 2) Chronic Effects: Prolonged exposure to dust may cause lung damage (silicosis).
- 3) Eye and Skin Irritation: May cause mild irritation.

## **SECTION 12: Ecological Information**

Not classified as hazardous to the environment. Avoid release to water sources.

### **SECTION 13: Disposal Considerations**

Dispose of waste in accordance with local, regional, and national regulations.

### **SECTION 14: Transport Information**

DOT: Not classified as hazardous for transport.

### **SECTION 15: Regulatory Information**

- 1) OSHA: Hazardous per 29 CFR 1910.1200
- 2) TSCA: Listed

### **SECTION 16: Other Information**

- 1) Prepared by: E-ROTEK WATER SYSTEMS CO., LTD.
- 2) Date of Preparation: 2024/11/11
- 3) Disclaimer: This SDS is provided based on currently available information. Users are responsible for determining suitability for their use.