



EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

RM.3-93,TENGFEI BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,
NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA.

CALCIUM CARBONATE

◆ 1. PRODUCT AND COMPANY DESCRIPTION

- **The name of firm:** Epoch Master GLOBAL BUSINESS(JIANGSU)INC
- **Address:** Rm.3-93,Tengfei Building,No.88 Jiangmiao Rd., Research and Innovation Park, Nanjing Zone,(Jiangsu) Pilot Free Trade Zone ,China.
- **Chemical Name or Synonym:**Calcium Carbonate; Food gypsum
- **Molecular Formula:**CaCO₃
- **EC No.:** 207-439-9
- **Molecular weight:** 100.09

◆ 2.COMPOSITION/INFORMATION ON INGREDIENTS

- **Product Name:**Calcium Carbonate
- **CAS Number** [471-34- 1]
- **Physical Appearance and Odor:**White microcrystal subdivision , odorless

◆ 3. HAZARDS IDENTIFICATION

- **Route of invasion:** inhaled, ingested, and absorbed via skin.
- **Health hazards:** workers engaged in mining and processing often appear upper respiratory tract inflammation, bronchitis, can be accompanied by emphysema. X-ray chest film appeared lymph node calcification, lung texture enhancement. Pneumoconiosis is mainly related to silica impurities in this product.

◆ 4. FIRST AID MEASURES

- **Skin contact:** remove contaminated clothes and rinse with flowing water.
- **Eye contact:** lift the eyelids and rinse with flowing water or saline. Seek medical treatment.
- **Suction:**Leave the site to fresh air. If breathing is difficult, give oxygen. Get medical attention.
- **Ingestion:**Drink enough warm water to urge vomiting,Seek medical treatment.

◆ 5. FIRE FIGHTING MEASURES

- **Flammability of the Product:** Non-flammable.
- **Auto-Ignition Temperature:** Not applicable.
- **Flash Points:** Not applicable.
- **Flammable Limits:** Not applicable.
- **Fire Hazards in Presence of Various Substances:** Not applicable.
- **Explosion Hazards in Presence of Various Substances:**Risks of explosion of the product in presence of mechanical impact: Not available;Risks of explosion of the product in presence of static discharge: Not available.

◆ 6. ACCIDENTAL RELEASE MEASURES

- **Evacuation Procedures and Safety:** Ventilate closed spaces before entering. Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.



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➤ **Isolate leakage contaminated areas and restrict access** It is recommended that emergency personnel wear dust masks (full masks) and general work clothes. Avoid dust, sweep carefully and transfer to a safe place in a bag. If there is a lot of leakage, cover it with plastic cloth and canvas. Collect, recycle or ship to waste disposal place.

◆ 7. HANDLING AND STORAGE

➤ **Handling:**The packing should be complete and the loading should be safe at the time of shipment. During transportation, it is necessary to ensure that the container does not leak, collapse, fall or damage. Mixed transportation with acids and other types is strictly prohibited.

➤ **Storage:**Closed operation, pay attention to ventilation. Operators must be specially trained and strictly abide by the operating rules. Operators are advised to wear self-priming filter dustproof masks and chemical safety protective glasses. Avoid dust. Avoid contact with acids. It should be stored separately from acids.

◆ 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering control:** closed operation, pay attention to ventilation.
- **Respiratory protection:** when the concentration of dust in the air is high, it is recommended to wear a self-priming filter dust mask.
- **Eye protection:** wear eyes for chemical protection.
- **Physical protection:** wear general working protective clothing.
- **Hand protection:** wear general work protective gloves.
- **Other:** timely change of work clothes, pay attention to personal hygiene.

◆ 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical Appearance:**white microcrystalline fine powder
- **Odor:**odorless.
- **pH:**Not Applicable
- **Solubility:**insoluble in water, Soluble in acids.
- **Melting Point :**825 C
- **Relative density:** 2.70~2.95
- **boiling point:** Not Applicable

◆ 10. STABILITY AND REACTIVITY

- **Chemical Stability:**This material is stable under normal handling and storage conditions described in Section 7.
- **Hazardous Polymerization** Will Not Occur.
- **Avoid The Following To Inhibit Hazardous Polymerization:**Not applicable
- **Taboos** strong acid

◆ 11. TOXICOLOGICAL INFORMATION

- **Exposure or contact effects:** excessive exposure or exposure results in a slight irritation response.
- **Slow toxicity:**non-toxic;



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➤ **Acute toxicity:**non-toxic

◆ 12. ECOLOGICAL INFORMATION

➤ The natural non-toxic material is harmless to the environment and is decomposed into calcium oxide and carbon dioxide at high temperature.

◆ 13. DISPOSAL CONSIDERATIONS

➤ According to the requirements of the relevant national and local laws and regulations, or contact with the manufacturer, determine the disposal method.

◆ 14. TRANSPORTATION INFORMATION

➤ The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

➤ **TDG Status:**Shipping Name: NON DANGEROUS

➤ **IMO Status:**Shipping Name: NOT REGULATED

➤ **IATA Status:**Shipping Name: NOT REGULATED

◆ 15. REGULATORY INFORMATION

➤ According to the regulations on the safety management of chemical dangerous goods, the corresponding regulations are made for the safe use, production, storage, transportation, loading and unloading of chemical dangerous goods. The hygienic standard of limestone dust in the air of the workshop, (gb- 16226- 1996), specifies the maximum allowable concentration and detection method of the substance in the air of the workshop.

◆ 16. OTHER INFORMATION

➤ *The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.*