



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

MONOCALCIUM PHOSPHATE

◆ 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
- **Emergency Phone Numbers:** 13770711448
- **Order online:** www.epoch-master.com

- **Chemical Name or Synonym:** calcium monohydrogen phosphate
- **Molecular Formula:** $\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$; $\text{Ca}(\text{H}_2\text{PO}_4)_2$ (anhydrous)
- **EC No.:** 231-837-1; 231-837-1
- **Molecular Weight:** 234.05; 252.07

◆ 2.COMPOSITION/INFORMATION ON INGREDIENTS

- **Product Name:** Monocalcium Phosphate
- **CAS Number:** [10031-30-8] (One water product) ; [7757-23-8] (anhydrous)

◆ 3. HAZARDS IDENTIFICATION

- **Emergency Overview:** Based in currently available data, this product does not meet the regulatory definition of a hazardous substance. However, good industrial hygiene practices should be used in handling it. Potential Health Effects
- **Eye:** May cause irritation.
- **Skin:** Skin absorption not likely. May cause irritation.
- **Inhalation:** Dusts may cause upper respiratory tract irritation.
- **Ingestion:** This substance is commonly used as a component in food, vitamins and pharmaceutical tablets, and may be safely consumed in moderate amounts. Ingestion of large quantities may cause abdominal cramps, nausea, vomiting, and diarrhea.
- **Chronic:** This product does not contain any ingredient designated by IARC NTP, ACGIH or OSHA as probable or suspected human carcinogens.

◆ 4. FIRST AID MEASURES

- **Eyes:** Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.
- **Skin:** In case of contact, wash with plenty of soap and water. Seek medical attention if irritation develops or persists.

- **Ingestion:** If victim is conscious and alert, give 2-3 glasses of water to drink and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.
- **Inhalation:** If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.
- **Medical Conditions Possibly Aggravated By Exposure:** Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.
- **NOTES TO PHYSICIAN:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. No specific antidote available.

◆ 5. FIRE FIGHTING MEASURES

- **Flash Point:** Not applicable.
- **Extinguishing Media:** Not combustible. Extinguish fire using appropriate extinguishing media for the surrounding fire.
- **Special Fire Fighting Procedures:** Firefighters should wear NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Dike area off to prevent runoff and contamination of water sources. Dispose of fire control water later.

◆ 6. ACCIDENTAL RELEASE MEASURES

- **Evacuation Procedures and Safety:** Wear protective gear for the situation. See Personal Protection information in Section 8.
- **Cleanup and Disposal of Spill:** Sweep or vacuum up and place in an appropriate closed container (See Section 7: Handling and Storage). Clean up residual material by washing area with water and detergent. DO NOT RETURN MATERIAL TO ITS ORIGINAL.

◆ 7. HANDLING AND STORAGE

- **Handling:** This is a food ingredient intended for human consumption. Keep containers close

when not being used.

- **Storage:** Store in closed containers. Store in an area that is cool, dry, sanitary.

◆ 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering Controls:** Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposure: Local exhaust ventilation at the point of generation.
- **Personal Protective Equipment:**
- **Eyes:** Wear chemical safety goggles when airborne dust is expected
- **Skin:** Wear impervious gloves when continuous contact is expected.
- **Clothing:** Wear appropriate protective clothing to prevent skin exposure.
- **Respirators:** Use approved dust respiratory protection if release of the product into the work area is expected.

◆ 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical state:** Powder
- **Color:** White
- **Odor:** Odorless
- **Boiling Point:** Not available
- **Melting Point:** 203°C
- **Flash Point:** Non Combustible
- **Vapor pressure:** Zero
- **PH:** about 3
- **Explosion Limits, lower:** Not applicable
- **Explosion Limits, upper:** Not applicable

◆ 10. STABILITY AND REACTIVITY

- **Chemical Stability:** Stable under normal handling and storage conditions described in Section 7.
- **Conditions to Avoid:** High Temperatures, generation of dust.
- **Incompatibilities with Other Materials:** Strong Acids, Bases, Oxidizing Materials.

➤ **Hazardous Decomposition Products:** None known.

➤ **Hazardous Polymerization:** Will not occur.

◆ 11. TOXICOLOGICAL INFORMATION

➤ **Eye Contact:** Dust and mist may cause irritation.

➤ **Skin Contact:** Minimally irritating.

➤ **Skin Absorption:** No test data found for product.

➤ **Inhalation:** High density dust may cause difficulty breathing.

➤ **Ingestion:** LD50 – lethal dose 50% of test species, > 4640 MG/KG (rat).

➤ **Chronic Toxicity:** This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be “probable” or “suspected” human carcinogens.

◆ 12. ECOLOGICAL INFORMATION

➤ **Ecotoxicological Information:** No data found for product.

➤ **Chemical Fate Information:** No data found for product.

◆ 13. DISPOSAL CONSIDERATIONS

➤ **Waste Disposal Method:** Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements For waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

➤ **EPA Hazardous Waste:** No.

◆ 14. TRANSPORTATION INFORMATION

➤ **Proper shipping Name:** None, not regulated.

➤ **Classification:** Not Regulated.

➤ **UN Number:** None, not regulated.

◆ 15. REGULATORY INFORMATION

➤ TSCA –is listed on the TSCA inventory; Canada is listed on Canada’s DSL List.

◆ 16. OTHER INFORMATION

➤ **Disclaimer:** The information herein is given in good faith but no warranty, expressed or implied, is made.

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EPOCH MASTER GLOBAL BUSINESS (JIANGSU) INC.

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