**DIMAGNESIUM PHOSPHATE**

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Dimagnesium phosphate

**Company : 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

**Telephone :** 13770711448

**Order online: http://www.epoch-master.com/**

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Synonyms Magnesium phosphate dibasic trihydrate

Formula MgHPO4·3H2O

Molecular Weight 174.33g/mol

|  |  |  |  |
| --- | --- | --- | --- |
| CAS-No | EC-No | Index-No | Concentration |
| **Phosphoric acid, magnesium salt** | | | |
| 7782-75-4 | 231-823-5 |  |  |

**3. HAZARDS IDENTIFICATION**

**Emergency Overview**

**OSHA Hazards**

No known OSHA hazards

**HMIS Classification**

**Health Hazard**: **0**

**Flammability 0**

**Physical hazards**: **0**

**NFPA Rating**

**Health Hazard**: **0**

**Fire**: **0**

**Reactivity Hazard**: **0**

**Potential Health Effects**

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

**Ingestion** May be harmful if swallowed.

**4. FIRST AID MEASURES**

**If inhaled**

If breathed in, move person into fresh air. If not breathing give artificial respiration

**In case of skin contact**

Wash off with soap and plenty of water.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

**5. FIRE-FIGHTING MEASURES**

**Flammable properties**

Flash point not applicable

Ignition temperature no dataavailable

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Avoid dust formation.

**Environmental precautions**

Do not let product enter drains.

**Methods for cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal

**7. HANDLING AND STORAGE**

**Handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal

measures for preventive fire protection.

**Storage**

Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are

desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and

components tested and approved under appropriate government standards such as

NIOSH (US) or CEN (EU).

**Hand protection**

For prolonged or repeated contact use protective gloves.

**Eye protection**

Safety glasses

**Hygiene measures**

General industrial hygiene practice.

1. **PHYSICALAND CHEMICALPROPERTIES**

**Appearance**

Form powder

Colour white

**Safety data**

pH no dataavailable

Melting point no dataavailable

Boiling point no data available

Flash point no dataavailable

Ignition temperature no dataavailable

Lower explosion limit no dataavailable

Upper explosion limit no dataavailable

Density 2.123 g/cm3 at 25 °C (77 °F)

Water solubility no data available

**10. STABILITY AND REACTIVITY**

**Storage stabilit**

Stable under recommended storage conditions

**Materials to avoid**

Strong oxidizing agents

**Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions. - Oxides of phosphorus,

Magnesium oxide

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity**

no data available

**Irritation and corrosion**

no data available

**Sensitisation**

no data available

**Chronic exposure**

No component of this product present at levels greater than or equal to 0.1% is

IARC: identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is

ACGIH: identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is

identified as a known or anticipated carcinogen by NTP

OSHA: No component of this product present at levels greater than or equal to 0.1% is

identified as a carcinogen or potential carcinogen byOSHA

**Signs and Symptoms of Exposure**

the best of our knowledge, the chemical, physical, and toxicological properties have not been

thoroughly investigated.

**Potential Health Effects**

**Inhalation** May be harmful if inhaled. May cause respiratory tractirritation

**Skin** May be harmful if absorbed through skin. May cause skinirritation.

**Eyes** May cause eye irritation.

**Ingestion** May be harmful if swallowed.

**12. ECOLOGICAL INFORMATION**

**Elimination information (persistence and degradability)**

no data available

**Ecotoxicity effects**

no data available

**Further information on ecology**

no data available

**13. DISPOSAL CONSIDERATIONS**

**Product**

Observe all federal, state, and local environmental regulations.

**Contaminated packaging**

Dispose of as unused product.

**14. TRANSPORT INFORMATION**

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**15.REGULATORY INFORMATION**

**OSHA Hazards**

No known OSHA hazards

**DSL Status**

This product contains the following components listed on the Canadian NDSL list. All other

components are on the Canadian DSL list.

Phosphoric acid, magnesium salt

CAS-No:7782-75-4

**SARA 302 Components**SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III,

Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS

numbers that exceed the threshold (De Minimis) reporting levels established by SARA

Title III, Section 313.

**SARA 311/312 Hazards**

No SARA Hazards

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

CAS-No.R Revision Date

Phosphoric acid, magnesium salt 7782-75-4

**New Jersey Right To Know Components**

CAS-No. Rvision Date

Phosphoric acid, magnesium salt 7782-75-4

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth, or

any other reproductive defects.

**16. OTHER INFORMATION**

References: Not available.

Other Special Considerations: Not available

