

Material Safety Data Sheet**ROCK PHOSPHATE****Section 1 - Product Identification**

Product Name : Rock Phosphate
CAS No. : 1306-05-4
Synonym : Phosphorus ore, Fluorapatite
Company Identification : Tradeasia International Pte. Limited
Address :
133 Cecil Street # 12-03 Keck Seng Tower, Singapore
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Section 2 – Composition/Information on Ingredients**Substances**

Name of substance	Rock Phosphate
Identifiers	
CAS No	1306-05-4
Molecular formula	Ca ₅ FO ₁₂ P ₃
Molar Mass	503.67 g/mol

Section 3 – Hazardous Ingredients & Occupational Exposure Limits**Classification of the substances or mixture****OSHA Hazards**

Physical Hazard: None.

Health Hazard: Irritant.

Label Elements**GHS Label elements, including precautionary statements**

Hazard Pictogram(s):



Signal Word: Warning

Hazard Statements:

May cause irritation of skin, lungs and eyes (Category 4)

Precautionary Statements

Avoid breathing dust

Do not get in eyes or on skin or on clothing.

Do not eat, drink or smoke when using

Supplemental Hazard Statements none

Hazards Not Otherwise Classified: None known**Section 4 – First-Aid Measures**

Inhalation: Remove to fresh air. Give oxygen with artificial respiration as needed. Seek medical attention for treatment, observation and support as needed.

Eye contact: Flush with running water

Skin Contact: Wash with soap and water.

Ingestion: In case of Ingestion, drink plenty of water.

Notes to physician: Treat symptomatically.

Section 5 – Employee Protection

Suitable extinguishing media: Dry chemical, carbon dioxide, water spray, or regular foam.

Unsuitable extinguishing media: No data available

Special hazards arising from the substance or mixture: Negligible fire hazard when exposed to heat or flame.

Advice for firefighters: Move container from fire area if you can do it without risk. Apply cooling water to sides of containers exposed to flames until well after fire is out.

Further information: No data available

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment (safety glasses or goggles, body coverall or lab coat, gloves and NIOSH/MSHA approved respiratory protection against dust). Avoid getting in eyes or on skin. Avoid breathing dust or ingesting.

Environmental Precautions: No data available

Methods and Materials for Containment and Cleaning up: In case of accidental spillage, clean area by spreading water. Prevent spillage of large quantities from contacting with canals and rivers.

Section 7 – Handling and Storage

Precautions for safe handling

Use hand gloves and safety goggles.

Conditions for safe storage, including any incompatibilities

Store in a dry isolated & well-ventilated area away from heat, sources of ignition. Keep out of reach of Children.

Section 8 – Exposure Controls/Personal Protection

Exposure Limits/Guidelines: No data available

Engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal Protective Equipment

Eye and Face protection: Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and Body protection: Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection: Wear dust mask when handling large quantities.

Control of environmental exposure: No data available

Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance: Ecru colored powder

Odor: Data not available **Boiling point:**

Decomposes pH: Data not available

Melting point: 1300°C (2372°F) decomposes

Flammability: Non-flammable solid

Specific Gravity: Data not available

Evaporation rate: Data not available

Water Solubility: Insoluble

Decomposition temperature: Data not available

Solvent solubility: Nitric acid, sulfuric acid

Viscosity: Data not available

Flashpoint: Non-flammable solid

Other data

No data available

Section 10 – Stability and Reactivity

Reactivity: No data available

Chemical Stability: Stable under recommended storage conditions.

Possibility of hazardous reaction: No data available

Conditions to Avoid: No data available

Incompatible Materials: No data available

Hazardous Decomposition Products: No data available

Hazardous polymerization: No data available

Section 11 – Toxicological Information

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Carcinogenicity: Shall not be classified as carcinogenic.

Reproductive toxicity: Shall not be classified as a reproductive toxicant.

Specific target organ toxicity following single exposure: Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity following repeated exposure: Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard: Shall not be classified as presenting an aspiration hazard.

Information on likely routes of exposure

Ingestion No data available

Inhalation: No data available

Skin contact: No data available

Eye contact: No data available

Interaction with Other Chemicals Which Enhance Toxicity: None known.

Additional Information: No data available

Section 12 – Ecological Information

Toxicity: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: No data available

Other adverse effects: No data available

Section 13 – Disposal Considerations

Product: The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated Packaging: Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

Section 14 – Transport Information

In accordance with DOT/IMDG/IATA/ADR

No data available

Additional Information:

No data available

Section 15 – Regulatory Information

1. US Federal regulations

No data available

2. International regulations

No data available

3. National regulations

No data available

4. US State regulations

ROCK PHOSPHATE

State or local regulations	No data available
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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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 way shall Tradeasia International Pte. Ltd. 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 Tradeasia International Pte. Ltd. has been advised of the possibility of such damages.