

## MATERIAL SAFETY DATA SHEET

### PROPHOS 10 GR

#### Section 1 –Chemical product and company identification

Supplier: JIANGSU FENGSHAN GROUP CO., LTD.

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Product name: Ethoprophos 10% GR

#### Section 2 – Composition/Information on Ingredients

Composition	CAS No.	Content
Ethoprophos	13194-48-4	10%
Other ingredients	---	90%

#### Section 3 -Hazards Identification

Harmful if swallowed. Toxic in contact with skin. May cause sensitization by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Section 4 -First Aid Measures

Skin contact: Wash off with soap and water. Take off contaminated clothing and shoes immediately. If symptoms persist, call a physician.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Get medical attention if irritation develops and persists.

Ingestion: Induce vomiting only, if: 1. patient is fully conscious, 2. medical aid is not readily available, 3. a significant amount (more than a mouthful) has been ingested and 4. time since ingestion is less than 1 hour. (Vomit should not get into the respiratory tract).

Call a physician or poison control center immediately. Rinse mouth.

Treatment: a high dose of atropine (1 to 4 mg for adults) repeated as needed. if possible, with

Contrathion (Pralidoxime) (1g intravenously for adults) repeated after 10 to 12 h.

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

Suitable Extinguishing Media: Foam, Dry powder, Carbon dioxide (CO<sub>2</sub>)

Specific hazards during fire fighting: The product itself does not burn. In the event of fire the following can be released Carbon monoxide (CO), Nitrogen oxides (NO<sub>x</sub>), Phosphorus oxides (e.g. phosphorus pentoxide), Sulphur oxides, Carbon dioxide (CO<sub>2</sub>)

Special protective equipment for fire-fighters: Use breathing apparatus.

Further information: Contain the spread of the fire-fighting media.

### **Section 6 – Accidental Release Measures**

Personal Precautions Use personal protective equipment.

Environmental Precautions Do not discharge into the drains/surface water/groundwater. If spillage enters drains leading to sewage works inform local water company immediately.

If spillage enters rivers or watercourses, inform the Environment Agency

Methods for Cleaning Up Sweep up or vacuum up spillage and collect in suitable container for disposal. Pick up and fill the product into a tightly closed container.

### **Section 7 – Handling and Storage**

Handling Advice on safe handling Smoking, eating and drinking should be prohibited in the application area. Do not breathe dust.

Storage Requirements for storage areas and containers Keep out of the reach of children.

Advice on common storage Keep away from food, drink and animal feedingstuffs. Suitable materials Rigid material with protection against moisture

### **Section 8 – Exposure Controls and Personal Protection**

Engineering Controls: local exhaust ventilation at the point of generation.

Eye Protection: chemical safety glasses with side shields or splash proof goggles.

Hand protection: nitrile rubber gloves (minimum thickness 0,40 mm).

Skin Protection: permeation resistant clothing, gloves and footwear

Protective Material Types: rubber, PVC.

Respirator: a suitable Dust Mask. Use a P3 mask, designed for use against all particulate including highly toxic materials.

#### **Section 9 – Physical and Chemical Properties:**

Physical: Granule.

pH: 4.0-7.0

Bulk Density: ca. 770 kg/m<sup>3</sup>

#### **Section 10 – Stability and Reactivity**

Conditions to Avoid: Extremes of temperature and direct sunlight.

Materials to avoid: Strong oxidizing agents, bases

Hazardous Reactions: No hazardous reactions when stored and handled according to prescribed instructions. Stable under normal conditions.

#### **Section 11 – Toxicological Information**

Acute Oral Toxicity: LD50 (rat) 450mg/kg

Acute Inhalation Toxicity: LC50 (rat) >2000 mg/m<sup>3</sup>, Exposure time: 4 h,

Acute Dermal Toxicity: LD50 (rabbit) 0.366 mg/L

Skin Irritation: No skin irritation. (rabbit)

Eye Irritation Slight irritant effect - does not require labelling. (rabbit)

Sensitization: Non Sensitizing.

#### **Section 12 – Ecological Information**

Not available

#### **Section 13 – Disposal Considerations**

Product In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

Advice may be obtained from the local waste regulation authority contaminated packaging

Empty remaining contents. Do not use containers for other products. Return large containers to supplier. Follow advice on product label and/or leaflet.



**Section 14 – Transport Information**

Not available

**Section 15 – Regulatory Information**

Not available

**Section 16 – Other Information**

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