



# 江苏丰山集团有限公司

## JIANGSU FENGSHAN GROUP CO., LTD.

### MATERIAL SAFETY DATA SHEET

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

**Supplier:** JIANGSU FENGSHAN GROUP CO., LTD.

**ADD:** CAOMIAO TOWN, DAFENG CITY, JIANGSU PROVINCE, CHINA.

**Tel:** +86-515-83374837

**Fax:** +86-515-83372403

**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>)



# 江苏丰山集团有限公司

## JIANGSU FENGSHAN GROUP CO., LTD.

**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:** Beige pellets.



# 江苏丰山集团有限公司

## JIANGSU FENGSHAN GROUP CO., LTD.

**pH:** 4.0-7.0

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

**Flash point:** N/A

**Explosivity:** N/A

### 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) 329 mg/kg

**Acute Inhalation Toxicity:** LC50 (rat) 360 mg/m<sup>3</sup>, Exposure time: 4 h,

**Acute Dermal Toxicity:** LD50 (rabbit) 369 mg/kg

**Skin Irritation:** No skin irritation. (rabbit)

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

**Sensitization:** Sensitizing. The value mentioned relates to the active ingredient ethoprophos.

### Section 12 – Ecological Information

**Toxicity to Fish:** LC50 (Rainbow trout (*Oncorhynchus mykiss*)) 1.71 mg/l, Exposure time: 96 h

The value mentioned relates to the active ingredient.

**Toxicity to daphnia:** EC50 (Water flea (*Daphnia magna*)) 0.20 mg/l, Exposure time: 48 h

The value mentioned relates to the active ingredient.

**Toxicity to algae:** IC50 (*Scenedesmus subspicatus*) 2.4 mg/l, Exposure time: 72 h

The value mentioned relates to the active ingredient.

### 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



# 江苏丰山集团有限公司

## JIANGSU FENGSHAN GROUP CO., LTD.

---

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**

The information contained in this Material Safety Data Sheet is provided in good faith and is believed to be correct at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. fengshan group Ltd makes no representation as to the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability whatsoever, whether with respect to negligence or otherwise, for any loss or damage arising from or connection with the supply or use of the information in this Material Safety Data Sheet.