



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

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Product name: Ethoprophos 690g/L EC

Section 2 – Composition/Information on Ingredients

Composition	CAS No.	Content
Ethoprophos	13194-48-4	690g/L min
Other ingredients		Balance

Section 3 -Hazards Identification

Risk Phrases: Danger! Poisonous if swallowed, inhaled or absorbed through skin.

Rapidly absorbed through the skin.

Safety Phrases: When using, do not eat or drink. Wear suitable protective clothing. Keep locked up and out of reach of children. Wear suitable protective clothing and gloves.

Section 4 -First Aid Measures

Inhalation: Remove victim from immediate source of exposure and assure that the victim is breathing. If breathing is difficult, administer oxygen, if available. If victim is not breathing, administer CPR (cardio-pulmonary resuscitation). Seek immediate medical attention.

Skin Contact: In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Seek medical attention. Remove contaminated clothing and shoes while washing. Clean contaminated clothing and shoes before re-use or discard if they cannot be thoroughly cleaned.

Eye Contact: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention.

Ingestion: If victim is conscious and alert, give 2-3 glasses of water to drink and induce



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vomiting by touching back of throat with a 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. Persons attending the victim should avoid direct contact with heavily contaminated clothing and vomitus. Wear impervious gloves while decontaminating skin and hair. Also see Note To Physician.

Note 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.

Treatment: Basic aid, decontamination, symptomatic treatment and administration of antidote.

Antidote: If cyanosis is absent, give Atropine 2-4 mg intravenously (0.05 mg/kg for children). Repeat Atropine at 5 to 10 minute intervals until atropinization occurs (dry, flushed skin, tachycardia, pupillary dilation), and maintain for 48 hours. If cyanotic, give initial atropine intramuscularly and start measures to improve ventilation.

Contraindications: Do not give morphine, theophylline, phenothiazine **and** reserpine.

Section 5 – Fire Fighting Measures

Fire and Explosion Hazards: Combustible.

Extinguishing Media: Dry chemical, foam, water, carbon dioxide.

Fire Fighting: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Keep unnecessary people away, isolate hazard area and deny entry. Evacuate residents who are downwind of fire. Dike area to prevent run off and contamination of water sources. Dispose of fire control water later. Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.



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Section 6 – Accidental Release Measures

General and Disposal Wear appropriate protective gear for the situation. See Personal Protection information in Section 8. Exclude all except properly equipped emergency personnel.

Cleanup and Disposal of Spill: Shovel up into an appropriate closed container(see Section 7: Handling and Storage). Avoid creation of dusty conditions. Decontaminate tools and equipment following cleanup. Flush area with 5% sodium hydroxide or trisodium phosphate. Absorb washings and add to container.

Land Spill or Leaks: Dike or retain dilution water or water from firefighting for later disposal. Follow procedure described under Cleanup and Disposal of Spill.

Environmental and Regulatory Reporting: Prevent material from entering public sewer system or any waterways. Do not flush to drain. If spilled on the ground, the affected area should be scraped clean and placed in a appropriate container for disposal.

Section 7 – Handling and Storage

Handling: Do not get on skin or in eyes. Do not ingest. Do not breathe dusts. Avoid getting material on clothing.

Storage: Store in an area that is away from food, feedstuffs, fertilizers, seed and water sources.

Section 8 – Exposure Controls and Personal Protection

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Approved respirator

PROTECTIVE GLOVES: Rubber gloves

EYE PROTECTION: Safety goggles or face shield.

INDUSTRIAL HYGIENE: Adequate ventilation.

Section 9 – Physical and Chemical Properties:

Physical: Light brown liquid.

Specific Gravity: 0.94g/cm³ at 20°C.



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Section 10 – Stability and Reactivity

Reactivity: This material is stable under normal handling and storage conditions.

Conditions to Avoid: Extreme heat.

Incompatibilities: Strong oxidizing agents bases.

Polymerization: Not applicable.

Section 11 – Toxicological Information

Toxicity: Acute oral LD50 for rats 125 mg/kg. Acute percutaneous LD50 for rats 1490mg/kg. No-irritating to rabbit skin and Slightly-Irritating to rabbit eyes. Inhalation LC50 for rats 123 mg/m3.

Section 12 – Ecological Information

Fish toxicity: LC50 (Rainbow trout (*Oncorhynchus mykiss*)) 0.00091 mg / l

Effect of time: 96 hours.

Of water flea toxicity: EC50 (Water-bit (*Daphnia magna*)) 0.20 mg / l

Dissed time: 48 hours

Algae toxicity: IC50 (*Scenedesmus subspicatus*) 2.4 mg / l

Effect of time: 72 hours

Effects on Bees: Not hazardous to bees when used as directed.

Section 13 – Disposal Considerations

Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

Section 14 – Transport Information

Not applicable

Section 15 – Regulatory Information

Not applicable

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



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receiving the information will exercise their independent judgment 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.

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