



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactory: Jiangsu Fengshan Group Co., Ltd.

Address: Caomiao Town, Dafeng City, Jiangsu Province, China.

Tel: +86-515-83374837

Fax: +86-515-83372403

Product name: Phoxim 400g/l EC

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components:

Chemical Name	CAS No.	Concentration
Phoxim	138261-41-3	400g/l
Butan-1-ol	71-36-3	8%

3. HAZARDS IDENTIFICATION

Harmful by inhalation and if swallowed.

Risk of serious damage to eyes.

Irritating to respiratory system.

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

4. FIRST-AID MEASURES

Inhalation: Move to fresh air in case of accidental inhalation of vapours or decomposition products. If there is a breathing problem give oxygen. Seek medical advice immediately.

Skin contact: Take off all contaminated clothing immediately. Wash off with soap and water. Call a physician immediately.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion: Wash out mouth with water. 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 in a physician immediately and show him the Safety Data Sheet.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, carbon dioxide (CO₂), foam, sand.

Specific hazards during fire fighting:

In the event of fire the following can be released: Hydrogen cyanide (hydrocyanic acid), carbon monoxide (CO), phosphorus oxides (e.g. phosphorus pentoxide), sulphur dioxide (SO₂), nitrogen oxides (NO_x).

Special protective equipment for fire-fighters: In the event of fire and/or explosion do not breathe fumes.

Use breathing apparatus.

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

Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES



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Personal precautions: Avoid contact with spilled product or contaminated surfaces.

Wear personal protective equipment. Unprotected persons must be kept away. Keep away sources of ignition.

Environmental precautions: Do not discharge into the drains/surface water/groundwater.

Methods for cleaning up: Take up with absorbent material (e.g. sand, earth or a proprietary absorbent material).

Clean contaminated floors and objects thoroughly, observing environmental regulations

Pack spilled material in suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Advice on safe handling :Use only in area provided with appropriate exhaust ventilation.

Advice on protection against fire and explosion: Keep away from heat and sources of ignition.

Take measures to prevent the build up of electrostatic charge.

Storage: Requirements for storage areas and containers, Store in original container.

Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

If product is handled while not enclosed, and if skin contact may occur: Respiratory protection: Full mask with filter ABEK-P2

Hand protection: Protective gloves for chemicals

Occupational health: Avoid contact with skin, eyes and clothing.

Keep working clothes separately.

Wash hands before breaks and at the end of workday.

Remove soiled or soaked clothing immediately and clean thoroughly before using again.

Garments that cannot be cleaned must be destroyed (burnt).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Brown clear liquid

Odour : Aromatic

Vapour pressure : Approx. 3,5 hPa at 20 °C

Density Approx. 1,13 g/cm³ at 20 °C

Solubility in water : Not miscible

Partition coefficient : Log P octanol / water: 3,38

Flash point : 38 °C

Ignition temperature: 294 °C

10. STABILITY AND REACTIVITY

Thermal decomposition:

At 100°C (DTA, heating rate 3 °C/min in glass)

At 80°C (DTA, heating rate 0,3 °C/min in glass)

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD50 oral, rat : > 2000 mg/kg (Bayer) *

LD50 dermal, rat : > 5000 mg/kg (Bayer) *

Irritation of the skin/rabbit : Non-irritant (Bayer) *



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Irritant to the mucous membranes/rabbit : Non-irritant (Bayer) *

12. ECOLOGICAL INFORMATION

Fish toxicity: (active ingredient)

LC50 : <1,0 ppm (96 h) Rainbow trout (*Salmo gairdneri*)

LC50 : <1,0 ppm (96 h) (*Lepomis macrochirus*)

LC50 : approx. 1,0 ppm (96 h) Carp (*Cyprinus carpio*)

EC50 : 0,00081 mg/l (48 h) Water flea (*Daphnia magna*)

13. DISPOSAL CONSIDERATIONS

In cases where larger amounts of the product have become unusable, it should be established whether material utilisation is possible (if necessary, consult the manufacturer/suppliers). Small amounts of the product and uncleaned empty packaging should be packaged and sealed, labeled and transferred to a suitable incinerator in accordance with the local regulations.

14. TRANSPORT INFORMATION

Not available

15 REGULATORY INFORMATION

Not available

16 .OTHER INFORMATION

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties. Consult the label for directions for use.