



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

Product name: Fenitrothion 95%TC

Supplier: JIANGSU FENGSHAN GROUP CO., LTD.

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

Tel: +86-515-83372405

Fax: +86-515-83373012

Section 2 -Hazards Identification

Harmful if inhale, swallowed or absorbed through skin.

Very toxic to aquatic life with long lasting effects.

Section 3 – Composition/Information on Ingredients

Composition	CAS No.	Content %
Fenitrothion	122-14-5	95 min
Other ingredients	---	5.0

Section 4 -First Aid Measures

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact Flush eyes with water as a precaution.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 – Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



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Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NO_x), Sulphur oxides, Oxides of phosphorus

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

no data available

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8 – Exposure Controls and Personal Protection

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment: full-length overalls

Respiratory protection: approved respirator.

Protective gloves: rubber gloves



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Eye protection: safety goggles or face shield.

Industrial hygiene: ventilation

Section 9 – Physical and Chemical Properties:

Form Yellow-brown liquid, with a faint characteristic odour.

M.p. 0.3 °C

B.p. 140-145 °C/0.1 mmHg (decomp.)

V.p. 18 mPa (20 °C)

KOW logP = 3.43 (20 °C)

S.g./density 1.328 (25 °C)

Section 10 – Stability and Reactivity

Reactivity no data available

Chemical stability no data available

Possibility of hazardous reactions no data available

Conditions to avoid no data available

Incompatible materials Strong oxidizing agents Strong oxidizing agents

Hazardous decomposition products Other decomposition products - no data available

Section 11 – Toxicological Information

Oral Acute oral LD₅₀ for male rats c. 1700, female rats 1720 mg/kg.

Skin and eye Acute percutaneous LD₅₀ for male rats c. 810, female rats 840 mg/kg. Not a skin or eye irritant (rabbits).

Inhalation LC₅₀ (4 h) for rats >2210 mg/m³ (aerosol).

Section 12 – Ecological Information

Birds Acute oral LD₅₀ for quail 23.6, mallard ducks 1190 mg/kg.

Fish LC₅₀ (48 h) for carp 4.1 mg/l. LC₅₀ (96 h) for bluegill sunfish 2.5, rainbow trout 1.3 mg/l.

Daphnia EC₅₀ (48 h) 0.0086 mg/l.



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Section 13 – Disposal Considerations

Disposal: Material which can not be used at the site should be disposed of in an approved waste disposal facility following all applicable Federal, State and Local regulations. If burned, stay out of smoke. Do not contaminate water supplies by disposal of wastes or container.

Section 14 – Transport Information

Not available

Section 15 – Regulatory Information

Not available

16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces formulations containing this product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

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Composed by: Jiangsu Fengshan Group Co., Ltd.