



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

MATERIAL SAFETY DATA SHEET

1 Manufacturer/information service:

Manufactory: JIANGSU FENGSHAN GROUP CO., LTD

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Product name: Trifluralin 48%EC

2. Composition / Information On Ingredients

Composition	CAS No.	Content
Trifluralin	1582-09-8	48%
Other ingredients	—	52%

3. Hazards Identification

Physical/Chemical Hazards: Flammable.

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

4. First Aid Measures

Inhalation: Remove victim to fresh air. If breathing is difficult: artificial respiration. Get medical attention.

Ingestion: Wash out mouth with plenty of water. Never give anything by mouth to an unconscious person.

Skin contact: Remove contaminated clothing and shoes. Wash away remainder with plenty of water.

Eye contact: Wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Get medical attention.

Note to physician: No specific antidote known. Treat symptomatically and give supportive therapy.

5. Fire-Fighting Measures

Extinguishing media: For small fire: dry chemical powder, water spray carbon dioxide

For large fire: foam, water fog, water spray.

Special exposure hazards: Flashback may occur along vapor trail.

Protection of fire-fighters: Self-contained breathing apparatus and total protection required in enclosed areas.

6. Accidental Release Measures

Personal precautions: Wear suitable protective clothing, gloves and eye/face protection.

Environmental precautions: Do not empty into drains. Do not discharge into the environment.



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After spillage and/or leakage: Absorb in sand or other inert material. Collect spills and put it into appropriated container. Dispose of this material and its container at hazardous or special waste collection point.

Keep away from combustible material.

7. Handling and Storage

Handling: Ventilation required.

Storage: Keep in original containers. Keep away from food, drink and animal feeding stuffs.

Store in dry, well-ventilated area.

8. Exposure Controls / Personal Protection

Engineering measures: Ventilation required.

Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. .

Skin protection: Wear suitable protective clothing Wear safety boots.

Hand protection: Wear suitable gloves.

Eye protection: Chemical goggles or safety glasses.

9. Physical and Chemical Properties

Physical state: Liquid

Color: Orange

Odor: Aromatic (solvent).

pH value : 5-6

10. Stability and Reactivity

Stability: Not subject to polymerization.

Hazardous reactions: Flashback may occur along vapour trail.

Materials to avoid: oxidizing agents , acids , alkali

11. Toxicological Information

Rat oral LD50 [mg/kg] : >2,000

Rat dermal LD50 [mg/kg]: > 2,000

Rat inhalation LC50 [mg/l/4h] : >5.13

Dermal irritation (rabbit): Not irritant

Eyes irritation (rabbit): Slight irritant

Sensitization: Non sensitizer

12. Ecological and Ecotoxicological Information

LD50 Birds [mg/kg] : Japanese quail >2,000

Bees LD50 [µg/Bee] : Not toxic to bees



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13. Disposal Considerations

Dispose of in a pesticide approved landfill, or in a chemical incinerator equipped with scrubbers. Dispose in a safe manner in accordance with local/national regulations.

14. Transport Information

Not application

15. Regulatory Information

Not application

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.