



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO. LTD.

MATERIAL SAFETY DATA SHEET

1. Chemical Product Identification

Manufacturer: JIANGSU FENGSHAN GROUP CO., LTD

Address: CAOMIAO TOWN, DAFENG CITY, JIANGSU PROVINCE, CHINA

Tel: +86-515-83374837

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Product name: Trifluralin 96% Tech

2 Compositions / Information on Ingredients

Composition	CAS No.	Content
Trifluralin	1582-09-8	96%
Other ingredients	—	4%

3. Hazards Identification

Emergency Overview: Hazardous chemical. Light yellow granule with an aromatic odor. May cause eye irritation and/or corneal injury. May cause skin irritation. Toxic to aquatic organisms.

4. First Aid Measures

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

Skin: Wash off in flowing water or shower.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Inhalation: No adverse effects anticipated by this route of exposure.

NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

5. Fire-Fighting Measures

Extinguishing Media: If product is involved in fire, use CO₂ or dry chemical.

Fire-Fighting Equipment: Wear full protective clothing and use positive- pressure, self-contained breathing apparatus.

6. Accidental Release Measures

Action to Take for Spills: Contain and sweep up material of small spills and dispose as waste.



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7. Handling and Storage

Handling: Keep out of reach of children. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with skin, eyes or clothing. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Storage: Store in original container. Avoid elevated temperatures. See product label for handling/storage precautions relative to the end use of this product.

8. Exposure Controls/Personal Protection

Engineering Controls: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Respiratory Protection: No respiratory protection should be needed.

Skin Protection: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

Eye Protection: Use chemical goggles.

9. Physical and Chemical Properties

Form: crystals

Color: Light yellow

Odor: Slight aromatic odor

Melting point: 43-47.5°C

Vapor Pressure: 6.1mPa at 25°C

Solubility: insoluble In Water, soluble in many organic solvents

Specific Gravity: 1.36

10. Stability and Reactivity

Stability: (condition to avoid): Avoid elevated temperatures. Under normal handling and storage conditions, avoid heating above 90°C (194°F). Heating to temperatures above 90°C can lead to violent reaction with rapid pressure buildup.

11. Toxicological Information

Acute oral LD50: rat >5000mg/kg

Acute dermal LD50: rabbit >5000mg/kg

12. Ecological and Ecotoxicological Information

Effects on birds: practically nontoxic to birds. The LD50 in bobwhite quail is greater than



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2000 mg/kg, as it is in female mallards and pheasants.

Effects on Bees: nontoxic to bees.

13. Disposal Considerations

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility in accordance with applicable local, state and federal regulations.

14. Transport Information

Not applicable

15. Regulatory Information

Not applicable

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. This information applies to the product as such. 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.