

Version: 1.0 Issue date: June 1, 2025

MATERIAL SAFETY DATA SHEET OF FENCLORIM 98% TC

1. IDENTIFICATION OF THE CHEMICAL PRODUCT AND COMPANY

Supplier: Shanghai Bosman Industrial Co., Ltd.

Street address: Rm. 1804, No.1611, North Sichuan Road, Hongkou District, Shanghai, P.R. China.

FAX: +86 21 63065878

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Product name: Fenclorim 98% TC

Product use: Herbicide

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29CFR 1910 (OSHA HCS)

GHS Label elements, including precautionary statements

Pictogram



Signal word Danger

Hazard statement(s)

H317 May cause an allergic skin reaction

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P391 Collect spillage.

P302+P352 IF ON SKIN: wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P333+P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

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P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified(HNOC) or not covered by GHS

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type: Technical material(TC))

INGREDIENT	CAS NO	PROPORTION
Fenclorim	3740-92-9	98% min.
Inerts	Not available	Up to 100%

4. FIRST AID MEASURES

General advice: Show this safety data sheet to the doctor.

Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration. Seek medical attention immediately.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present. Continue rinsing. Keep eye wide open while rinsing. Seek medical attention if irritation develops and persists.

Skin contact: May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor. Wash off immediately with soap and plenty of water for at least 15 minutes.

Ingestion: Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: no data available

Unusual fire and explosion hazards: None.

Environmental precautions: see section 6.

Hazardous decomposition products formed under fire conditions: Carbon oxides, nitrogen oxides (NO_x), Hydrogen chloride

Fire fighting equipment Self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

6. ACCIDENT RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure

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adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling: Read the label before use. Keep out of reach of children. Harmful if swallowed. Causes skin irritation and sensitivity. Avoid contact with skin and clothing. After work, remove protective clothing and equipment, wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Clean up spilled material immediately, and wash clothes, equipment and work area after use.

Storage: Store in tightly closed original container in a cool, dry well-ventilated area out of direct sunlight when not in use. This product can be stored in an unheated building. Do not store with food, feed stuffs, fertilizers and seeds. See product label for further handling/storage precautions relative to the end use of this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: No exposure limits have been established for this material.

Engineering controls: To keep exposure to airborne contaminants below exposure limits, proper ventilation is required when handling or using this product. Local mechanical exhaust ventilation may be required. Facilities storing or using this material should be equipped with an eyewash facility and a safety shower.

Personal protective equipment (PPE):

Skin protection: All pesticide handlers must wear a long-sleeved shirt and long pants and shoes plus socks.

Waterproof gloves are recommended when mixing, loading or cleaning equipment.

Eye protection: Safety goggles are recommended when mixing, loading or cleaning equipment.

User safety recommendations: Do not get in eyes or get in or on clothing. Avoid breathing vapor or spray mist. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Wash thoroughly with soap and water after handling. Remove contaminated clothing immediately and wash before reuse. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid

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pH: NA

Density: NA

Solubility in Water: NA

Oxidising Properties: NA

Explosive Properties: NA

10. STABILITY AND REACTIVITY

Chemical stability: Product is stable under normal condition

Conditions to avoid: No data available

Hazardous decomposition: Heat and fire may result in thermal decomposition and the release of Carbon oxides, nitrogen oxides (NO_x), Hydrogen chloride

Incompatible materials: Strong oxidizing agents

Hazardous reactions: Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: LD₅₀ (rat): >5,000 mg/kg

Dermal: LD₅₀ (rat): >2,000 mg/kg

Inhalation: LC₅₀ (rat): >2.0 mg/L

Irritant properties:

Skin: No data available

Eye: No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

12. ECOLOGICAL INFORMATION

Toxicity: no data available

Persistence and degradabilityPersistence and degradability: no data available

Bioaccumulative potentialBioaccumulative potential: no data available

Mobility in soilMobility in soil: no data available



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Results of PBT and vPvB assessmentResults of PBT and vPvB assessment: no data available

13. DISPOSAL CONSIDERATION

Waste from residues/unused products: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Do not reuse empty containers.

14. TRANSPORT INFORMATION

UN Number: 3077

UN Proper shipping name: Environmentally hazardous substances, solid, n.o.s. (Fenclozim)

Transport hazard class: 9

Packing group: III

15. REGULATORY INFORMATION

Follow all local and international laws and regulations.

16. OTHER INFORMATION

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This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made the user should contact this company.

-END OF MSDS -