



MATERIAL SAFETY DATA SHEET

1. Chemical Product Identification

Manufactory: Nanjing Fengshan Chemical Co., Ltd.

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Product name: Triclopyr butoxyethyl ester 95%TC

2 Composition / Information on Ingredients

Composition	CAS No.	Content %
Triclopyr butoxyethyl ester	64700-56-7	95
Other ingredients	--	5

3. Hazards Identification

Toxic to aquatic organisms.

4. First Aid Measures

EYES: Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several minutes. If affects occur, consult a physician, preferably an ophthalmologist.

SKIN: Wash skin with plenty of water.

INGESTION: Do not induce vomiting. Call a physician and/or transport to emergency facility immediately.

INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

5. Fire-Fighting Measures

Hazardous Combustion Products: Thermal decomposition will generate carbon disulfide and other asphyxiants.

Special Fire Fighting Procedures: Remain upwind. Avoid breathing smoke. Wear self-contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards: This product is flammable on contact with water, flames or sparks. Dust may be explosive if mixed with air in critical proportions.



6. Accidental Release Measures

Keep out of streams and domestic water supplies. Absorb small spills in inert material such as sand.

7. Handling and Storage

Keep out of reach of children. Do not use near heat or open flame. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with eyes, skin and clothing. Avoid breathing mists and vapors. Avoid contamination of food.

8. Exposure Controls/Personal Protection

Respiratory protection: Approved respirator

Protective gloves: Rubber gloves

Eye protection: Safety goggles or face shield.

Industrial hygiene: Adequate ventilation.

9. Physical and Chemical Properties

Appearance: Solid

Flash point: Not applicable.

Storage stability: Stable for 2 years under normal, dry storage conditions.

Solubility in in water: In water 0.4

10. Stability and Reactivity

Stability: Stable

Conditions To Avoid: Acid, base, and oxidizing material.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Acute oral LD50: 720 mg/kg in rats & mice.

Acute dermal LD50: > 2000 mg/kg in rats.

Mild eye irritant;

non-irritating to skin (rabbits)

12. Ecological and Ecotoxicological Information

Birds Acute oral LD50 for mallard ducks 1698 mg/kg.

Fish LC50 (96 h) for rainbow trout 117, bluegill sunfish 148 mg/l.

Daphnia LC50 (48 h) 133 mg/l.

Algae EC50 (5 d) for Selenastrum capricornutum 45 mg/l.

Bees Non-toxic to bees; contact LD50 >100 mg/bee



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 produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.