

Date: Jul.13th, 2025

## MSDS OF Fluroxypyr-mepthyl TC

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name : Fluroxypyr-mepthyl TC

Product code :Not available.

Usage : Herbicide

Company's Name : HEBEI JRRAIN TECHNOLOGY CO.,LTD.

Company's Address : No. 66 XIANGTAI ROAD, YUHUA DISTRICT, SHIJIAZHUANG CITY, HEBEI PROVINCE,CHINA

Phone Number : 86-311-80680379

Fax Number : 86-311-80680380

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Hazardous to the aquatic environment, short-term (Acute) - Category Acute 1

Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 1

2.2. Label elements

Pictogram:

Signal word Warning

Hazard statement(s)

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273: Avoid release to the environment

P391 Collect spillage.

2.3. Other hazards: None.

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SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

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

4.2. Most important symptoms and effects, both acute and delayed

- if inhaled:

Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

- if swallowed:

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

- if in contact with skin:

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

- if in contact with eyes

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Flush eyes with water as a precaution.

4.3. Indication of any immediate medical attention and special treatment needed

Not available.

### SECTION 5: Firefighting measures

5.1. Extinguishing media:

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

5.2. Special hazards arising from the substance or mixture:

Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Hydrogen chloride, Hydrogen fluoride

5.3. Advice for firefighters:

Wear self contained breathing apparatus for fire fighting if necessary.

Material CAS No. % w/w

Fluroxypyr-mepthyl 69377-81-7 97.0 min

Inert ingredients \_\_\_\_\_ The rest

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### SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas.

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

6.2. 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.

6.3. Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel.

Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

### SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

7.2. Conditions for safe storage, including any incompatibilities

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

Storage Compatibility with other Products: Store separately from feed, food and stimulants.

7.3. Specific end use(s)

No data available.

### SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components with workplace control parameters.

8.2. Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipmen

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Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product.

Dispose ofcontaminated gloves after use in accordance with applicable lawsand good laboratory practices.Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards.

### SECTION 9: Physical and chemical properties

Form: Powder

Color: Light yellow to white powder

Water:0.5% max

PH: 5.0-8.0

Solubility: In water 5700 (pH 5.0), 7300 (pH 9.2) mg/l (20 °C) . In acetone 51.0, methanol 34.6, ethyl acetate 10.6, isopropanol 9.2, dichloromethane 0.1, toluene 0.8, xylene 0.3 (all in g/l, 20 °C).

### SECTION 10: Stability and reactivity

10.1. Reactivity

Not available.

10.2. Chemical stability

Stable under recommended storage conditions

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10.3. Possibility of hazardous reactions

Not available.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Other decomposition products .

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute oral toxicity: LD 50 for rat: >2000 mg/kg.

Acute dermal toxicity: LD 50 for rat: >2000 mg/kg.

Acute inhalation (4h): LC 50 : >1 mg/l air.

Skin and eye irritation: Mild eye irritant; non-irritating to skin (rabbits).

Skin sensitization: Non-sensitizer (guinea pigs).

### SECTION 12: Ecological information

#### 12.1. Toxicity

Fish: LC 50 (96 h) for rainbow trout and golden orfe >solubility limit

Bird: Acute oral LD 50 for bobwhite quail and mallard ducks >2000mg/kg.

Dietary LC 50 (8d) for bobwhite quail and mallard ducks >5200mg/kg.

Daphnia: LC 50 (48 h) >solubility limit

Algae: EC 50 (96 h) for green algae >solubility limit

Honey bees: Not toxic to bees. LD50 (oral and contact, 48 h) >100 µg/bee

### SECTION 13: Disposal considerations

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

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Contaminated packaging

Dispose of as unused product.

### SECTION 14: Transport information

14.1. UN number:3077

14.2. UN proper shipping name

ADR/RID:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

IATA:Environmentally hazardous substance, solid, n.o.s.

14.3. Transport hazard class(es):

ADR/RID: 9 IMDG:9 IATA:9

14.4. Packing group:

ADR/RID: III IMDG: III IATA: III

14.5. Environmental hazards:

ADR/RID: yes IMDG: yes IATA: yes

14.6. Special precautions for user:No data available.

### SECTION 15: Regulatory information

See section 2.

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### SECTION 16: Other information

16.1 description H- and P-phrases as under Section 3.

Hazard statement(s)

H410: Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273: Avoid release to the environment

P284: Wear respiratory protection.

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

16.2 Other information.

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Revised Date: Original

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