

CROPLINK REAPER

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Croplink Reaper

active ingredient: fluroxypyr as fluroxypyr-meptyl [CA 81406-37-3]

Croplink (Ireland) Ltd

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2. COMPOSITION AND INFORMATION ON INGREDIENTS

fluroxypyr as fluroxypyr-meptyl 200 g/l

Aromatic solvents and surfactants to 100 %

Maximum exposure limits and occupational exposure standards: none set for fluroxypyr

3. HAZARDS IDENTIFICATION

Human Ingestion: low toxicity
 Skin: low percutaneous toxicity
 Eyes: mild irritant

Environmental: Harmful to fish or other aquatic life.

4. FIRST AID MEASURES

Always use personal protective equipment if you are likely to be contaminated by contact with the patient.

Skin: remove contaminated clothing; rinse exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.

Eyes: flush immediately with plenty of water for 15 minutes. Seek medical attention.

Inhalation: remove patient to fresh air. Seek medical attention if symptoms arise or persist.

Ingestion: do not induce vomiting, rinse mouth with water; keep patient at rest in recovery position; seek medical attention immediately and show the container label or this datasheet.

Guide to Doctor: there are no specific antidotes; treat symptomatically.

5. FIRE FIGHTING MEASURES

Wear full protective clothing, synthetic rubber gloves, goggles and respirator. Call fire brigade for all but small, immediately controllable fires. Toxic fumes may be evolved. Avoid breathing smoke. Keep containers cool by spraying with water. Remove intact containers if without risk. Extinguish source of fire, preferably with dry inert powder, foam, carbon dioxide or water fog. Do not use a water jet. Contain fire-fighting water, bunding as necessary with sand or earth.

6. ACCIDENTAL RELEASE MEASURES

Wear coverall, face protection, rubber boots and synthetic rubber protective gloves. Keep people and animals away; remove all sources of ignition. Contain spillage, particularly to prevent contamination of water. Inform local authority immediately if spillage enters drains. Inform the river authority if spillage enters surface or ground waters. Absorb into sand, sawdust or other inert material. Collect all contaminated material and heavily contaminated surrounding soil and place in covered, labelled containers for disposal. Do not flush with water.

7. HANDLING AND STORAGE

Keep in original container, tightly closed, in a safe place. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Store in a cool, dry place out of direct sunlight. Protect from extremes of temperature.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Wash concentrate from skin or eyes immediately.

Do not breathe spray.

Wash hands and exposed skin before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: light-brown, liquid
Flash point: 47 °C
Freezing point: < -5 °C
Oxidising properties: none
Density: 0.97 g cm⁻³ at 20 °C
Water solubility: miscible in all proportions

10. STABILITY AND REACTIVITY

Stable in packaging and in air at ordinary temperatures. Keep in original packaging.
Explosive mixtures may be formed at or above 47 °C
Avoid contact with acids, bases or oxidising agents and exposure to direct sunlight.
May decompose on heating to produce toxic or irritating fumes.

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀ for rat: >2000 mg product per kg
Acute dermal LD₅₀ for rat: >2000 mg fluroxypyr-meptyl per kg.
Inhalation LC₅₀ (4-hour) for rat: >1 mg fluroxypyr-meptyl per litre
Fluroxypyr-meptyl is not a skin sensitiser; shows no evidence of carcinogenicity, teratogenicity or of reproductive effects.

12. ECOLOGICAL INFORMATION

Fluroxypyr degraded by soil microflora in 5-9 days under moist, warm soil conditions.
Fish: LC₅₀ (96-hour) fluroxypyr-meptyl to rainbow trout and golden orfe > solubility limit. The product is harmful to fish or other aquatic life.
Birds: acute oral LD₅₀ mallard duck and bobwhite quail > 2000 mg fluroxypyr-meptyl/kg
Not toxic to honeybees; contact and oral LD₅₀ (48-hour) >100 µg fluroxypyr-meptyl per bee.

13. DISPOSAL CONSIDERATIONS

Product: dispose of via an authorised disposal contractor.
Containers: crush and bury or dispose of via an authorised disposal contractor.

14. TRANSPORT INFORMATION

FLAMMABLE LIQUID, N.O.S. (contains fluroxypyr and aromatic hydrocarbons)
UN 1993 Class 3 Packing Group III

Packaging: 1-5 litres in fluorinated high-density polyethylene or polyethylene terephthalate containers.

15. REGULATORY INFORMATION

contains 200 g/l fluroxypyr

FLAMMABLE

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

KEEP LIVESTOCK out of treated areas for at least 3 days following treatment and until poisonous weeds such as ragwort have died and become unpalatable.

HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank, and dispose of safely.

For use only as an agricultural herbicide.

16. OTHER INFORMATION

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