

SAFETY DATA SHEET

X-TREE® Wet and Dry Herbicide

Date of Issue: 11 June 2026

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Triclopyr
Recommended use:

Supplier: UPL New Zealand Limited
 PO Box 51584, Pakuranga
 Auckland
 Phone 0800 100 325
 www.uplcorp.com/nz

Emergency telephone number: 0800 CHEM CALL (0800 243 622) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification:



WARNING

GHS Classification:

GHS Classification and Category	Hazard Code	Hazard Statement
Serious eye damage/eye irritation, Cat 2	H319	Causes serious eye irritation.
Sensitisation, skin Cat 1	H311	May cause an allergic skin reaction.
Specific target organ toxicity - repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
Aquatic Acute Cat. 1	H400	Very toxic to aquatic life.
Aquatic Chronic Cat. 1	H410	Very toxic to aquatic life with long lasting effects.

Required identification Details:

Hazardous to soil organisms.
 Any person purchasing, handling or disposing of this product must be suitably qualified.

PRECAUTIONARY STATEMENTS

PREVENTION

P102 - Keep out of reach of Children.
 P103 - Read label before use.

P260 - Do not breathe spray.
 P264 - Wash hands thoroughly after handling.
 P272 - Contaminated clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment. Do not apply directly into or onto water.

P280 - Wear protective gloves, protective clothing, face and eye protection.

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

RESPONSE

P264 - Wash hands and face thoroughly after handling.

P270 - Do not eat, drink, or smoke when using this product.

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

P305 +351 +338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 - Get medical advice/attention if you feel unwell.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

P362+P364 - Wash contaminated clothing before re-use.

P391 - Collect spillage.

STORAGE

DISPOSAL

P501 - Dispose of contents/container in accordance with local regulations.

Container disposal:

Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery® (0800 247 326, www.agrecovery.co.nz). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

Product disposal:

Do not dispose of this product down drains or sewers. Dispose of this product only by using according to the label or ensure unwanted product is used by another operator strictly in accordance with label directions, or at an approved landfill or other approved facility.

For ground-based applications, this substance must only be applied with hand-directed equipment or a paintbrush.- For aerial applications, this substance must only be applied as a directed application onto the trunk of the target tree weed with hand-directed equipment using a helicopter as a working platform.- This substance must not be applied from a fixed wing aircraft.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Triclopyr butoxyethyl ester	64700-56-7	18.8
Vegetable oil methyl esters	Various	80.7
Surfactant		0.5

4. FIRST-AID MEASURES

Description of necessary first aid measures:

Effects and symptoms:

Harmful if swallowed or inhaled. Irritating to skin and eyes.
Inhalation:

General information:

First-aid measures:

Inhalation:

Avoid inhalation. Vapour may cause headache, dizziness and nausea. Move person to fresh air. If person is not breathing call 111

or an ambulance, and then give artificial respiration; if by mouth-to-mouth use rescuer protection (pocket mask, etc.). Call National Poison Center 0800 Poison (0800 764 766) or Doctor for treatment advice.

Ingestion:

Avoid ingestion. May cause nausea, headache, cramps, vomiting. Call the National Poison Centre or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the Poison Center or Doctor. Never give anything by mouth to an unconscious person.

Skin contact:

Avoid skin contact. May cause irritation to the skin. Immediately get under a safety shower. Wash affected skin areas thoroughly with soap and water. Remove and wash contaminated clothing thoroughly. Do not take clothing home to be laundered. Get prompt medical attention.

Eye contact:

Avoid contact with the eyes. May cause irritation to the eyes. Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes. Call National Poison Centre or doctor for treatment advice.

Notes to a physician:

No specific antidote known. Treat symptomatically

5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazards:

Hazchem code:

3Z

Extinguishing media:

Water fog, Carbon dioxide, dry chemical, foam.

Hazardous thermal

(de)composition products:

Iodide compounds, nitrogen oxides.

Protection of fire-fighters:

Remain upwind. Use water spray to cool containers exposed to fire. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke or gases.

Other information:

6. ACCIDENTAL RELEASE MEASURES

Accidental release:

Personal precautions:

Wear protective clothing and personal protective equipment as described in section 8. Keep unprotected persons and animals out of the area.

Environmental precautions:

Keep material out of lakes, streams, ponds and sewer drains.

Methods for cleaning up:

Dyke to confine spill and absorb with inert absorbent materials such as clay, sand or soil. Shovel or pump waste into a drum and label contents for disposal.

Do not touch or walk through spilled material. Wear the protective equipment recommended above. Stop leak when safe to do so. Dyke area and prevent entry into waterways and drains.

Small spills/leaks: Absorb with material such as sand, soil or sawdust. Collect spilled product and place in sealable container for disposal. Spill residues may be cleaned using water and detergent. Contain and absorb wash water for disposal. Absorb and collect washings and place in the same sealable container for disposal.

Large spills/leaks: dike the area of large spills and report them to 0800 CHEMCALL.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes and skin. Keep away from sparks, open flame and direct sunlight.

Do not handle material near food, feed or drinking water.

Keep out of reach of children.

Storage:	Store away from sparks, heat and flames. Store in original container tightly closed and in a locked, dry, cool, well-ventilated area, away from feed, seeds and foodstuffs. Keep out of direct sunlight. Storage must be generally in accordance with NZS8409 Management of Agrichemicals. See the HAZNOTE for further information.
Packaging materials:	HDPE Plastic – 20, 200, 1000 Litres

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Exposure Standards:	Not established
Engineering measures	
Exposure control measures:	Provide general and/or local ventilation to control airborne levels.
Detail specifications for equipment:	None required if airborne concentrations are limited.
Respiratory system:	
Skin and body:	When mixing or applying, wear protective clothing.
Hands:	Use gloves chemically resistant (e.g. nitrile or neoprene) when prolonged or frequently repeated contact could occur.
Eyes:	Use safety glasses.
General hygiene:	Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour, etc.):	Yellowish brown liquid.
Odour:	Aromatic odour.
Odour threshold:	NA
pH:	Not established
Melting point/freezing point:	NA
Initial boiling point and boiling range:	NA
Flash point:	>130°C (PMCC)
Flammability (solid, gas):	NA
Upper/lower flammability or explosive limits:	NA
Vapour pressure:	Not established for substance. Triclopyr butoxyethyl ester = 3.6x10 ⁻⁶ mm Hg @ 25°C
Vapour density:	NA
Relative density:	0.94
Solubility(ies):	Emulsifiable.
Partition coefficient: n-octanol/water:	NA
Auto-ignition temperature:	NA
Decomposition temperature:	NA
Kinematic viscosity:	NA
Particle characteristics:	NA
Explosive Properties:	Not explosive
Oxidation Properties:	Not an oxidizer

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	NA
Materials to avoid:	Oxidising agents, acids and alkali.
Hazardous Decomposition	NA

Products: Iodide compounds, nitrogen oxides and cyanide.
Hazardous polymerization: Not subject to polymerization
Hazardous reactions: None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral: LD₅₀ >2000 mg/kg
Acute toxicity - Dermal: LD₅₀ >1000mg/kg
Acute toxicity – Inhalation: Not established
Skin irritation: May cause an allergic skin reaction.
Eye irritation: Causes serious eye irritation.
Respiratory or skin sensitization: Moderate sensitizer
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Aspiration hazard: NA
STOT-single exposure: NA
STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure

12. ECOLOGICAL INFORMATION

Ecology – general: Highly toxic to plant life.
Triclopyr butoxyethyl ester is rapidly hydrolysed to triclopyr acid in soil and water.
Bioconcentration potential for the active ingredient Triclopyr butoxyethyl ester is moderate (BCF between 100 and 3000 or LogPow between 3 and 5).

Hazardous to the aquatic environment, short-term (acute): NA
Classification procedure - Hazardous to the aquatic environment, short-term (acute): Fish LC₅₀ = 0.36 mg/L in most sensitive spp. tested.
Algae 24-hour EC₅₀ = 0.1 mg/L in the most sensitive spp. tested.

Hazardous to the aquatic environment, long-term (chronic): Very toxic to aquatic life with long lasting effects.

Classification procedure - Hazardous to the aquatic environment, long-term (chronic): NA

Toxicity to terrestrial vertebrates: NA
Toxicity to terrestrial invertebrates: Hazardous to soil organisms.
Persistence and degradability: NA

Bioaccumulative potential: Not bio-accumulative
Partition coefficient n-octanol/water (Log Kow): Measured log octanol / water partition coefficient (Log Pow) is 4.09.

Mobility in soil:

13. DISPOSAL CONSIDERATIONS

Methods of disposal: PRODUCT DISPOSAL: Ensure unwanted product is used by another operator strictly in accordance with label directions.
Do not dispose of this product or equipment cleaning kerosene down drains or sewers.

Empty container precautions:Non-refillable containers 20 litres or less:

Ensure container is completely empty. Rinse empty container with an oil-based product such as kerosene, then triple rinse with soap and water. Recycle through the Agrecovery™ programme. If this is not possible, bury in landfill. Dispose of equipment cleaning kerosene onto ground away from susceptible crops and plants.

Refillable containers 20 litres or larger:

Refill the containers with X-TREE® Wet & Dry herbicide only. Do not reuse this container for any other purpose. Cleaning before refilling is not recommended as any water will cause an emulsion to form when refilled. Keep sealed after emptying to prevent rain from entering.

14. TRANSPORT INFORMATION - International transport regulations

UN number:	3082
Hazchem code:	3Z
Class or Division:	
Subsidiary Class:	
Packing Group:	III
Marine Pollutant:	Yes
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (triclopyr). Marine pollutant Dangerous Goods
INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):	

15. REGULATORY INFORMATION

ACVM Registered Number:	P009369.
HSNO Approval Code:	HSR101226

16. OTHER INFORMATION

Additional information:	Original Issue Date: 17 May 2017 Revision Date: 11 June 2026 Replaces: UPL230
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