

1. SUBSTANCE IDENTIFICATION:**AGPRO HATCHET**

SUPPLIER NAME: AGPRO NZ Limited
SUPPLIER CODE: None
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland.
SUPPLIER PHONE: 09 273 3456
SUPPLIER FAX: 09 273 3457
EMERGENCY PHONE: 0800 POISON
CHEMICAL FAMILY: Pyridine
USE: Herbicide

2. HAZARDS IDENTIFICATION:

HAZARD CLASSES: 6.1E (oral), 6.4A, 6.5B, 6.9B (oral) 9.1A, 9.2A
Triclopyr Butotyl Hazards: 6.4A, 6.5B, 6.9B, 9.1A

Required Hazard Identification:

Approved Handler Applies

KEEP OUT OF REACH OF CHILDREN

ECOTOXIC

Acute toxicity: oral

May be harmful if swallowed.

May cause serious eye damage or irritation.

May cause an allergic skin reaction or sensitisation.

May cause damage to kidneys through prolonged or repeated oral exposure.

Very toxic to aquatic organisms.

Very toxic to the soil environment.

Refer to Section 15 for EPA Requirements.

**3. COMPOSITION / INFORMATION ON INGREDIENTS:**

COMMON NAME	CAS NUMBER	CONCENTRATION
Triclopyr Butotyl	64700-56-7	18.4%
Proprietary		to 100%

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation occurs.
SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse.
INHALATION: If ill-effects occur, move the victim to fresh air. If ill-effects persist, consult a doctor.
INGESTION: Do not induce vomiting. Wash out mouth with water. Call a doctor immediately.
NOTES TO DOCTOR: No specific antidote.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: > 130°C
FLAMMABLE LIMITS: Not determined.
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.
THERMAL DECOMPOSITION PRODUCTS: Include oxides of carbon and nitrogen.
SPECIAL FIRE FIGHTING METHODS: Addition of water may cause excessive foaming. Vapours may be toxic. Self-contained breathing apparatus required. Do not allow contaminated runoff to enter drains.
UNUSUAL FIRE OR EXPLOSION HAZARDS: C2 – Combustible material

AGPRO DIRECT SAFETY DATA SHEET

AGPRO HATCHET

Issue Date: 27 Oct 2020

6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment. Clear area of unnecessary personnel. Spills may be slippery and should be cleaned up immediately. Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains.

7. HANDLING AND STORAGE:

Store in original container, tightly closed, away from foodstuffs, seeds, fertilisers and pesticides. Keep out of reach of children. Wash protective clothing daily after work.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not established by OSHA.
EYE PROTECTION: Where eye contact is likely, use chemical splash goggles.
RESPIRATORY PROTECTION: Avoid inhalation. Vapours are not likely to be experienced with normal use of this product however headaches, dizziness and nausea may result from improper use. Move to fresh air. If difficulty breathing is experienced **call 111. Call National Poison Center 0800 POISON (0800 764 766)** or seek medical advice if symptoms persist.
PROTECTIVE CLOTHING: Where contact is likely, wear chemical-resistant (such as nitrile, PVC coated or butyl) gloves, coveralls, socks and chemical-resistant footwear.
VENTILATION: General (mechanical) room ventilation is considered satisfactory.
HYGIENE PRECAUTIONS: Do not eat drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands before breaks and after work. The use of a skin barrier cream is useful to give additional skin protection.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR:	Amber Liquid.	pH:	n/a
BOILING POINT:	>130°C	SETTING POINT:	Not Available.
DENSITY:	0.95 g/mL @ 20°C	AUTOIGNITION TEMP:	Not Available.
DECOMPOSITION TEMP:	Not Available.	VAPOUR DENSITY:	Not Available.
FLASHPOINT:	>93°C	VAPOUR PRESSURE:	Not Available.
EXPLOSION PROPERTIES:	Not Applicable.		
SOLUBILITY:	n/a		
OTHER DATA:			
OCTANOL / WATER PARTITION COEFFICIENT: Not Applicable.			

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: Stable under normal storage conditions. Combustible material.
MATERIALS TO AVOID: Oxidizing material, mineral acids, strongly alkaline material.
HAZARDOUS DECOMPOSITION PRODUCTS: Noxious fumes under fire conditions – hydrogen, chloride and others.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL: LD50 (rats) >2500 mg/kg.
ACUTE DERMAL: LC50 (rabbit) inhalation >2500 mg/Kg.
ACUTE INHALATION: LC50 (rats) 8.72 mg/L for 4 hour aerosol exposure.

OTHER TOXICITY INFORMATION

EYE IRRITATION: Irritating
SENSITISER: Contact sensitizer - skin
NO COMPONENTS ARE CONSIDERED CMR [CARCINOGENIC, MUTAGENIC, REPROTOXIC]

12. ECOLOGICAL INFORMATION:

AQUATIC TOXICITY:	LC50 (Rainbow Trout 96-hour) 0.65 mg/L LC50 (Daphnia magna 48-hour) 1.7 mg/L
SOIL TOXICITY:	Very ecotoxic in soil environments Product deemed degradable and is not considered persistent in the environment.
TERRESTRIAL VERTEBRATES - BIRDS:	LC50 (Bobwhite Quail) >8490mg/kg for Technical Material
TERRESTRIAL INVERTEBRATES - BEES:	Practically non-toxic to bees LD50 > 100µg/bee

13. DISPOSAL CONSIDERATIONS:

Triple rinse container and add residue to spray tank. Recycle container through **AGRECOVERY, 0800 AGRECOVERY (0800 247 326)** or dispose of in accordance with local council guidelines. Do not contaminate any water supply with chemical or empty container. Do not use the container for any other purpose.

14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (TRICLOPYR)
DG CLASS:	9
UN NUMBER:	3082
HAZCHEM:	2X
PACK GROUP:	III

15. REGULATORY INFORMATION:

This product DOES NOT have any Approved Handler, Tracking, or Record Keeping Requirements.

See the EPA Website for more details:

www.epa.govt.nz

EPA Approval Code:

HSR101444

16. OTHER INFORMATION:

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty regarding the products' properties.