



## Safety Data Sheet

according to WHS Regulations

Printing date 11.04.2022

Revision: 11.04.2022

### 1 Identification

**Product Name:** 4FARMERS TRICLOPYR 755 HERBICIDE**Recommended Use of the Chemical and Restriction on Use:** Agricultural herbicide**Details of Manufacturer or Importer:**

4Farmers Australia Pty Ltd

70 McDowell Street

Welshpool WA 6106

**Phone Number:** 08 9356 3446**Emergency telephone number:** National Poison Information Centre: 13 11 26

### 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not subject to the ADG Code when transported in Australia by Road or Rail in packages 500kg(L) or less; or IBCs (refer to SP AU01). However if transported by Air or Sea, this provision does not apply. Then the product is classed as Dangerous (Class 9 Environmentally Hazardous) by IATA and IMDG/IMSBC respectively. See details below and in Section 14 of this SDS.



Acute Toxicity (Oral) 4 H302 Harmful if swallowed.

**Signal Word** Warning**Hazard Statements**

H302 Harmful if swallowed.

**Precautionary Statements**

P264 Wash hands thoroughly after handling.

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

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 Rinse mouth.

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

### 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

64700-56-7	Acetic acid, [(3,5,6-trichloro-2-pyridyl)oxy]-, 2-butoxyethyl ester	<95%
	Acute Toxicity (Oral) 4, H302	

### 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap for at least 15 minutes. Seek medical attention if symptoms occur.

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**Eye Contact:**

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May cause respiratory irritation.

Skin Contact: Skin contact may cause moderate skin irritation and redness. May cause drying and flaking of the skin.

Eye Contact: May cause moderate eye irritation or injury.

Ingestion: Harmful if swallowed. Small amounts likely to be swallowed during normal handling are unlikely to cause injury, but larger amounts will be harmful. May cause headache, nausea, lethargy, motor weakness and incoordination.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Water fog or fine spray, foam, dry chemical powder or carbon dioxide.

General purpose AFFF foam or protein foams are preferred, but alcohol-resistant foams may be suitable. Do not use full water jet as this may spread the fire.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and nitrogen, hydrogen chloride and phosgene.

Product is not flammable, but may burn if heated.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.

Collect the spilled material and place into a suitable container for disposal.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

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**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from extreme temperatures. Keep away from acids, bases and oxidising agents. Do not store near food, drugs, potable water or animal feed.

### 8 Exposure controls and personal protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Use an approved organic vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Elbow-length butyl rubber, polyethylene, neoprene, chlorinated polyethylene, ethyl vinyl alcohol laminate, viton, PVC, nitrile or natural rubber gloves, cotton overalls buttoned to the neck and wrist, safety boots and a washable hat. See Australian/New Zealand Standards AS/NZS 2161 and AS/NZS 4501 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Yellow to orange
<b>Odour:</b>	Musty
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	4.49 (1% aqueous suspension)
<b>Melting point/freezing point:</b>	Not applicable
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	>100 °C (Closed Cup)
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Relative Density:</b>	1.273
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Emulsifies into water.
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity at 40 °C:</b>	191.4 mPa.s (Dynamic)

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### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Extreme temperatures.

**Incompatible Materials:** Acids, bases and oxidising agents.

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen, hydrogen chloride and phosgene.

### 11 Toxicological Information

**Toxicity:**

**LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:**

**64700-56-7 Acetic acid, [(3,5,6-trichloro-2-pyridyl)oxy]-, 2-butoxyethyl ester**

Oral	LD <sub>50</sub>	803 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2000 mg/kg (rabbit)
Inhalation	LC <sub>50</sub> /4 h	>4.8 mg/L (rat)

**Acute Health Effects**

**Inhalation:** May cause respiratory irritation.

**Skin:** Skin contact may cause moderate skin irritation and redness. May cause drying and flaking of the skin.

**Eye:** May cause moderate eye irritation or injury.

**Ingestion:**

Harmful if swallowed. Small amounts likely to be swallowed during normal handling are unlikely to cause injury, but larger amounts will be harmful. May cause headache, nausea, lethargy, motor weakness and incoordination.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:**

Repeated or prolonged skin exposure may cause skin drying and flaking. May cause an allergic skin reaction. Prolonged exposure to mists may cause adverse effects.

**Existing Conditions Aggravated by Exposure:** No information available

**Additional toxicological information:**

The Australian Acceptable Daily Intake (ADI) for triclopyr for a human is 0.005 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 0.5 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species.

(Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and

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Veterinary Chemicals', 2017).

### 12 Ecological Information

**Ecotoxicity:**

This product is slightly toxic to birds.

LD50/ 21 day (oral) 735 mg/kg bodyweight (bobwhite quail)

LC50/ 8 day (dietary) 1890 mg/kg diet (bobwhite quail)

LD50/ 4 h &gt;110 µg/bee (oral)

LD50/ 4 h &gt;100 µg/bee (contact)

LD50/ 14 day &gt;1042 mg/kg (earthworm)

**Aquatic toxicity:****64700-56-7 Acetic acid, [(3,5,6-trichloro-2-pyridyl)oxy]-, 2-butoxyethyl ester**EC<sub>50</sub>/48 h 2.9 mg/L (daphnia)LC<sub>50</sub>/48 h 0.66 mg/L (daphnia)LC<sub>50</sub>/96 h 0.36 mg/L (bluegill)**Persistence and Degradability:**

This product is expected to biodegrade only very slowly in the environment. Triclopyr has a half-life in soil of approximately 40 days.

**Bioaccumulative Potential:** Triclopyr has a moderate potential for bioaccumulation.**Mobility in Soil:** Minimal leaching is expected to occur. Contamination of ground water is highly unlikely.**Other adverse effects:** Spray drift may cause damage.

### 13 Disposal considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

### 14 Transport information

**UN Number**

ADG

Not subject to the ADG Code when transported in Australia by Road or Rail in packages 500kg(L) or less; or IBCs (refer to SP AU01).

UN3082

**IMDG, IATA****Proper Shipping Name**

ADG

IMDG, IATA

Not regulated

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**Dangerous Goods Class**

ADG Class:

IMDG Class:

Not regulated

9 Miscellaneous dangerous substances and articles.

**Packing Group:**

ADG

IMDG, IATA

Not regulated

III

**EMS Number:**

F-A,S-F

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**Hazchem Code:** •3Z  
**Special Provisions:** 274, 331, 335, 375, AU01  
**Limited Quantities:** 5L  
**Packagings & IBCs - Packing Instruction:** P001, IBC03, LP01  
**Packagings & IBCs - Special Packing Provisions:** PP1  
**Portable Tanks & Bulk Containers - Instructions:** T4  
**Portable Tanks & Bulk Containers - Special Provisions:** TP1, TP29

### 15 Regulatory information

**Australian Inventory of Chemical Substances:**

64700-56-7 Acetic acid, [(3,5,6-trichloro-2-pyridyl)oxy]-, 2-butoxyethyl ester

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Poisons Schedule: 6

### 16 Other information

**Date of Preparation or Last Revision:** 11.04.2022**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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