SAFETY DATA SHEET

According to Safe Work Australia

Printing date 01.09.2026 Revision: 01.09.2026

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: 4FARMERS TRALKOXYDIM 400 WDG 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: +61 8 9356 3446

Emergency telephone number: National Poison Information Centre: 13 11 26

2 . HAZARDS IDENTIFICATION

Hazardous Nature:
Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

Acute Tox. 4 H302 Harmful if swallowed.

Signal Word Warning

Hazard Statements
H302 Harmful if swallowed.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements
P273 Avoid release to the environment.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P330 Rinse mouth.
P391 Collect spillage.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
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:		
87820-88-0	Tralkoxidym Aquatic Chronic 2, H411; Acute Tox. 4, H302; H401	40-45%
7757-82-6	Sulfuric acid, disodium salt	20%
1327-43-1	Silicic acid, aluminium magnesium salt	10%
1332-58-7	Kaolin	1-10%

(Contd. on page 2)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 01.09.2026 Revision: 01.09.2026

Product Name: 4FARMERS TRALKOXYDIM 400 WDG HERBICIDE

(Contd. of page 1)

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. Seek medical attention if symptoms occur.

Eye Contact:
In case of eye contact, rinse cautiously with water for at least 15 minutes. Seek medical attention if symptoms persist.

Ingestion:
If swallowed, do not induce vomiting. Rinse mouth and give plenty of water to drink. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.
Information for Doctor:
Establish a patent airway with suction where necessary.
Watch for signs of respiratory insufficiency and assist ventilation as necessary.
Administer oxygen by non-rebreather mask at 10 to 15 L/min.
Treat symptomatically.

Symptoms Caused by Exposure:
Ingestion: Harmful if swallowed. Possible symtpoms include nausea, vomiting and central nervous system depression.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:
Hazardous combustion products include oxides of carbon, nitrogen and sulfur.
Combustible solid.
Avoid generating dust. Clouds of dust in a confined or unventilated space may form an explosive mixture with air, and any source of ignition, flame or spark, will cause fire or explosion.
Contamination with oxidising agents such as nitrates, oxidising acids, chlorine bleaches or pool bleach may cause ignition.

Special Protective Equipment and Precautions for Fire Fighters:
Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear Safe Work Australia approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

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 sweep or vacuum granules and shovel into drums for subsequent disposal. Avoid generating dust. Provide adequate ventilation.

(Contd. on page 3)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 01.09.2026 Revision: 01.09.2026

Product Name: 4FARMERS TRALKOXYDIM 400 WDG HERBICIDE

(Contd. of page 3)

7 . HANDLING AND STORAGE

Precautions for Safe Handling:
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.
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.

Conditions for Safe Storage:
Store in a cool, dry and well ventilated area. Store only in original container, tightly closed when not in use. Protect from direct sunlight, heat, sparks, open flames and hot surfaces. Keep away from oxidising agents.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:	
1332-58-7 Kaolin	
NES	TWA: 10 mg/m³

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Respiratory Protection:
Use a Safe Work Australia approved particulate respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of dust, 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 PVC, nitrile rubber or butyl rubber gloves, cotton overall buttoned to the neck and wrist, safety boots and a washable hat. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

Eye and Face Protection:
Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Granules
Colour:	Green to blue
Odour:	No information available
Odour Threshold:	No information available
pH-Value:	Not applicable.
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	Not applicable
Flash Point:	Not applicable
Flammability:	Combustible solid
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	Not applicable
Relative Density:	No information available

(Contd. on page 4)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 01.09.2026 Revision: 01.09.2026

Product Name: 4FARMERS TRALKOXYDIM 400 WDG HERBICIDE

(Contd. of page 4)

Vapour Density: Not applicable
Evaporation Rate: Not applicable
Solubility in Water: Partly miscible

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: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Oxides of carbon, nitrogen and sulfur.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD_{50}/LC_{50} Values Relevant for Classification:		
87820-88-0 Tralkoxidym		
Oral	LD_{50}	6237 mg/kg (quail)
		1100 mg/kg (mouse)
		1324 mg/kg (rat) (male)
		934 mg/kg (rat)
		>519 mg/kg (rabbit)
Dermal	LD_{50}	>2000 mg/kg (rat)
Inhalation	LC_{50}	>3467 mg/m³ (rat)
	LC_{50}/4 h	>3.5 mg/l (rat)
7757-82-6 Sulfuric acid, disodium salt		
Oral	LD_{50}	5989 mg/kg (mouse)
1327-43-1 Silicic acid, aluminium magnesium salt		
Oral	LD_{50}	>16000 mg/kg (rat)

Acute Health Effects
Inhalation: May cause irritation to the respiratory tract.
Skin: May cause skin irritation.
Eye: May cause eye irritation.
Ingestion:
Harmful if swallowed. Possible symtpoms include nausea, vomiting and central nervous system depression.

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.

(Contd. on page 5)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 01.09.2026 Revision: 01.09.2026

Product Name: 4FARMERS TRALKOXYDIM 400 WDG HERBICIDE

(Contd. of page 4)

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:
Prolonged skin contact with the concentrate may cause irritation. Based on available data, repeated exposures are not anticipated to cause additional significant adverse health effects.
Asthma-like symptoms may continue for months or even years after exposure to sodium sulfate. This may be due to a nonallergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound.

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information:
The Australian Acceptable Daily Intake (ADI) for tralkoxydim for a human is 0.005 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL 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: Comm. Dept. of Health and Ageing Office of Chemical Safety, 'ADI List', June 2014).

12 . ECOLOGICAL INFORMATION

Ecotoxicity: Not toxic to bees or birds.

Aquatic toxicity:
Toxic to aquatic life with long lasting effects.

87820-88-0 Tralkoxidym	
EC_{50}/120hr	>5.1 mg/l (algae)
EC_{50}/48 h	>175 mg/l (daphnia)
LC_{50}/96 h	>6.1 mg/l (bluegill)
	>7.2 mg/l (rainbow trout)

Persistence and Degradability:
Average field half life of tralkoxydim under aerobic conditions is 2-13 days. Water / soil persistence of tralkoxydim and sodium sulfate is high.

Bioaccumulative Potential: Bioaccumulation potential for tralkoxydim and sodium sulfate is low.

Mobility in Soil: Mobility of tralkoxydim is medium. Mobility of sodium sulfate is high.

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 Not regulated

Proper Shipping Name Not regulated

Dangerous Goods Class Not regulated

Packing Group: Not regulated

(Contd. on page 6)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 01.09.2026 Revision: 01.09.2026

Product Name: 4FARMERS TRALKOXYDIM 400 WDG HERBICIDE

(Contd. of page 5)

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:	
7757-82-6	Sulfuric acid, disodium salt
1327-43-1	Silicic acid, aluminium magnesium salt
1332-58-7	Kaolin

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Poisons Schedule: 5

16 . OTHER INFORMATION

Creation Date: 01.09.2026

Abbreviations and acronyms:
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC_{50}: Lethal concentration, 50 percent
LD_{50}: 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)

Disclaimer
This MSDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011”
The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. 4Farmers Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.