



# Safety Data Sheet

according to WHS Regulations

Date of issue: 04.05.2025

Revision date: 02.05.2025

## 1 Identification

**Product Name: 4Farmers Dalapon 740 Herbicide****Other Means of Identification:** Mixture**APVMA Approval Number:** 95207**Recommended Use of the Chemical and Restriction on Use:** Herbicide**Details of Manufacturer or Importer:**4Farmers Pty Ltd  
70 McDowell Street  
Welshpool WA 6106**Phone Number:**

Tel: +61 3 9282-100

Emergency phone number: 1800 033 498(24 Australia)

**Emergency telephone number:** National Poisons Information Centre: 13 11 26**Email:** SDSANZ@nufarm.com

## 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 classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



GHS05 Corrosion

Eye damage/irritation – Category 1 H318 Causes serious eye damage.



GHS07

Skin corrosion/irritation – Category 2 H315 Causes skin irritation.

Aquatic Chronic 3

H412 Harmful to aquatic life with long lasting effects.

**Signal Word** Danger**Hazard Statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention.

(Contd. on page 2)

# Safety Data Sheet

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P501

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

(Contd. of page 1)

### 3 Composition and Information on Ingredients

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

CAS: 75-99-0	2,2-dichloropropionic acid	74.0%
	☠ Eye damage/irritation – Category 1, H318; ☠ Skin corrosion/irritation – Category 2, H315; Aquatic Chronic 3, H412	

### 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 with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

**Ingestion:**

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

**Information for Doctor:** Treat symptomatically.**Symptoms Caused by Exposure:** No further information available.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Use fire extinguishing methods suitable to surrounding conditions.  
Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include carbon oxides, hydrogen chloride gas  
Vapors are heavier than air and may spread along floors.  
Forms explosive mixtures with air on intense heating.  
Development of hazardous combustion gases or vapours possible in the event of fire.

**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 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:**

Cover drains. Collect, bind, and pump off spills. Take up with liquid-absorbent material. Dispose of properly. Clean up affected area.

(Contd. on page 3)

# Safety Data Sheet

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Date of issue: 04.05.2025

Revision date: 02.05.2025

**Product Name: 4Farmers Dalapon 740 Herbicide**

(Contd. of page 2)

## 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. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents and acids.

## 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 75-99-0 2,2-dichloropropionic acid (74%)**WES | TWA: 5.8 mg/m<sup>3</sup>, 1 ppm**Engineering Controls:****Respiratory Protection:**

Where an inhalation risk exists, wear approved particulate respirator (filter type P). At high dust levels, wear a powered air purifying respirator (PAPR) with P3 filter or an air-line respirator or a full-face P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 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:**

<b>Form:</b>	Powder
<b>Colour:</b>	Pale Brown
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	Not applicable
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	190 °C
<b>Flash Point:</b>	Not applicable
<b>Flammability</b>	Not determined.
<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>	Not applicable
<b>Density at 20 °C:</b>	1.2-1.6 g/cm <sup>3</sup>

(Contd. on page 4)

# Safety Data Sheet

according to WHS Regulations

Date of issue: 04.05.2025

Revision date: 02.05.2025

**Product Name: 4Farmers Dalapon 740 Herbicide**

(Contd. of page 3)

<b>Relative Density:</b>	Not determined.
<b>Vapour Density:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Soluble
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Organic solvents:</b>	
<b>Physical state</b>	Solid

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

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

**Conditions to Avoid:** No further relevant information available.

**Incompatible Materials:** No further relevant information available.

**Hazardous Decomposition Products:** No hazardous decomposition products known.

## 11 Toxicological Information

### Toxicity:

#### Acute Health Effects

**Inhalation:** No adverse health effects expected.

**Skin:** May cause skin irritation.

**Eye:** Causes serious eye damage.

**Ingestion:** Not expected to be a hazard.

**Skin Corrosion / Irritation:** Causes skin irritation.

**Serious Eye Damage / Irritation:** Causes serious eye damage.

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

**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:** No data associated with long term health effects.

**Existing Conditions Aggravated by Exposure:** No data available.

#### Additional toxicological information:

The Australian Acceptable Daily Intake (ADI) for Dalapon (2,2-Dichloropropionic acid-as sodium salt) for a human is 0.2 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 15 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 Veterinary Chemicals', 2024)

(Contd. on page 5)

# Safety Data Sheet

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**Product Name: 4Farmers Dalapon 740 Herbicide**

(Contd. of page 4)

## 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:** Harmful to aquatic life with long lasting effects.**Persistence and Degradability:** No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

## 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

<b>UN Number</b>	
<b>ADG, IMDG, IATA</b>	UN3261
<b>Proper Shipping Name</b>	
<b>ADG</b>	3261 CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
<b>IMDG, IATA</b>	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
<b>Dangerous Goods Class</b>	
<b>ADG Class:</b>	8
<b>Packing Group:</b>	
<b>ADG, IMDG, IATA</b>	II
<b>EMS Number:</b>	F-A,S-B
<b>Hazchem Code:</b>	2X
<b>Limited Quantities:</b>	1 kg
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P002 IBC07
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T6
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP33

## 15 Regulatory Information

**Australian Inventory of Industrial Chemicals:** None of the ingredients is listed.**Australian Pesticides and Veterinary Medicines Authority:**

This product is registered with the Australian Pesticides and Veterinary Medicines Authority. APVMA approval number 95207.

## 16 Other Information

**Date of Preparation or Last Revision:** 02.05.2025**Prepared by:** MSDS.COM.AU Pty Ltd

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

(Contd. on page 6)

# Safety Data Sheet

## according to WHS Regulations

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**Product Name: 4Farmers Dalapon 740 Herbicide**

(Contd. of page 5)

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

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)

Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2

Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

**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 - June 2023”.

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