



SAFETY DATA SHEET

According to Safe Work Australia

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Printing date 19.12.2022

Date: 19.12.2022

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: 4Farmers Dicyclanil 50g/L Spray-On Fly Treatment

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use:

For the protection of sheep, either off-shears or with any length wool, against fly strike

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:

Xn, Harmful. N, Dangerous to the environment.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

Signal Word: Warning



GHS Classification: Acute Toxicity (Oral)- Category 4
Acute Toxicity Inhalation – Category 4

Hazard Statements

H302- Harmful if swallowed.

H332 Harmful if inhaled

Precautionary Statements – Prevention

P264 Wash all exposed external body areas thoroughly after handling.

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

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

Precautionary Statements -Response

P301+P317 IF SWALLOWED: Get medical help.

P330 Rinse mouth.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P317 Get medical help.

Precautionary Statements Storage:

P410+P412 Store below 30° C (Room Temperature). Protect from sunlight.

Precautionary Statements Disposal:

P501 Dispose of container by wrapping with paper and putting in garbage. Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation. Avoid release to the environment.

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3 . COMPOSITION AND INFORMATION ON INGREDIENTS

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

112636-83-6	DICYCLANIL 4,6-Diamino-2-cyclopropylamino-pyrimidine-5-carbonitrile	5-6%
	Other components are not considered hazardous in this formulation	To 1000%

4 . FIRST AID MEASURES

Inhalation:

Move to fresh air. Call a physician if symptoms develop or persist.

Skin Contact:

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor..

Eye Contact: This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort. Flush the contaminated eye(s) gently with water until the product is removed. Get medical attention if irritation develops and persists.**Ingestion:**

This product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort. If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. Get medical attention if symptoms occur.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials. Avoid the use of water jets as an extinguisher, as this will spread the fire.**Specific Hazards Arising from the substance of mixture:**

The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures

Fire Fighters:

If a significant quantity of this product is involved in a fire, call the fire brigade

Flash Point:

Does not burn

Auto ignition**Temperature :**

Not applicable –does not burn

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6 . ACCIDENTAL RELEASE MEASURE

Emergency procedures Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. No special recommendations for clothing materials. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult Australian Standard mentioned below (section 8). Otherwise, not normally necessary. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Conditions for Safe Storage, Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits Occupational exposure limits - No exposure limits noted for ingredient(s). Biological limit values - No biological exposure limits noted for the ingredient(s). Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. General ventilation normally adequate.

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Appropriate Engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protection

Eye/face protection - Wear safety glasses with side shields (or goggles).

Skin protection – Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing.

Respiratory protection - In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures - Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminant.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pink suspension
Physical state:	Liquid
Melting Point/Freezing Point:	Not available . Liquid at normal temperatures.
Specific Gravity:	1.01 -1.03 at 20°C
pH :	Not Available
Auto ignition temp:	Not applicable-does not burn.

10. STABILITY AND REACTIVITY

Reactivity:	Non-reactive and stable under normal conditions..
Chemical stability:	
Hazardous reactions:	No dangerous reaction known under conditions of normal use
Incompatible materials:	Strong acids, strong bases, strong oxidising agents
Polymerisation	This product will not undergo polymerisation reactions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Dicycalnil : Dermal (Rat) LD50: >2000 mg/kg OeCD test Guidelines 402 Inhalation (Rat) LC 50 : 3184mg/m ³ , 4hours OECD Test Giudelines 403 Oral (rat) LD50: 520mg/kg OECD test Guidelines 401 .
Skin corrosion/irritation	Based on available data , the classification data are not met.
Serious eye damage/ Irritation:	Based on available data , the classification data are not met
Respiratory sensitisation	Not a respiratory sensitizer. Ames test Result: negative.
Mutagenicity:	Micronucleus Test Result: negative.
Reproductive toxicity	Species : Mouse. This product is not expected to cause reproductive or developmental effects

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12 . ECOLOGICAL INFORMATION

Ecotoxicity **Dicyclanil** Harmful to aquatic life with long lasting effects.

	Species	Test Results
LC50	Trout	60 mg/l, 96 hours OECD Test Guideline 203
LD50	Mallard Duck	500 - 1620 mg/kg
LC50	Mallard Duck	5000 ppm, 5 days
EC50	Sewage sludge	100 mg/l, 3 hours
EbC50	Green Algae	24 mg/l, 72 hours OECD Test Guideline 201
EbC50	Daphnia	1.1 mg/l, 48 hours OECD Test Guideline 202
LC50	Bluegill	> 68 mg/l, 96 hours OECD Test Guideline 203
LC50	Earthworm	1000 mg/kg, 14 days

Bioaccumulative potential Partition coefficient – n-octanol/water (log Kow)
 0.51 (pH 5) (25°C)
 0.68 (pH 5) (25°C)
 0.69 (pH 5) (25°C)

13 . DISPOSAL CONSIDERATIONS

Disposal methods: Do not allow this material to drain into sewers/water supplies. Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

14 . TRANSPORT INFORMATION

Road and Rail NOT regulated as dangerous goods

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15 . REGULATORY INFORMATION

APVMA Registration :
APVMA Approval No.: 92570

16 . OTHER INFORMATION

ISSUE : 001
ISSUE DATE: 19 Dec 2022
In any event, the review and, if necessary, the re-issue of an SDS shall be no longer than 5 years after the last date of issue.

LITERARY REFERENCE: **APVMA** Australian Pesticides and Veterinary Medicines Authority
ADG Code - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
CAS NO Chemical Abstract Service Registry Number
NOHSC National Occupational Health & Safety Commission
SWA - Safe Work Australia, formerly ASCC and NOHSC
AICS - Australian Inventory of Chemical Substances
SUSMP – Standard for the Uniform Scheduling of Medicines & Poisons

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 - December 2011”

The information contained in this safety data sheet is provided in good faith based on manufacturer’s advise. and is believed to be accurate at the date of issuance. 4Farmers Australia 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. 4Farmers Australia Pty Ltd is not in a position to warrant the accuracy of the data herein. 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.