

MATERIAL SAFETY DATA SHEET

AgriPest Pty Ltd
 ABN 79 154 628 369
 27 Caryota Court
 Tamborine Mountain Qld 4272
 AUSTRALIA

Product: **DACLURE CUE LURE FRUIT FLY STATIONS**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **DACLURE CUE LURE FRUIT STATIONS**
 Product Code: AP003
 Company name: AgriPest Pty Ltd (ABN 79 154 628 369)
 Address: 27 Caryota Court, Tamborine Mountain Q4272, Australia
 Emergency Tel. +61 7 55451618, +61 408 884 589
 Product Use: Population reduction of Dacine fruit flies attracted by cue-lure (4-(p-acetoxyphenyl)-2-butanone) and male fruit fly population monitoring as detailed on the product label and *Instructions for Use information sheets*.
 Date of Issue: ? 2022

2. HAZARDS IDENTIFICATION

Hazard Not classified as hazardous
Classification **Non-hazardous substance**
Non-dangerous goods
 Hazard classification according to the criteria of NOHSC
 Dangerous goods classification according to Australian Goods Code
Safety Phrase(s) S13 Keep away from food, drink and animal feed stuffs
 S2 Keep out of reach of children
 S46 If swallowed, seek medical advice immediately and show label or package
Other information Poisons Schedule S5

3. COMPOSITION INFORMATION ON INGREDIENTS

Chemical Solid
Characterization

Ingredients	Name	CAS	Proportion
	Fiprpnil	120068-37-3	3.4g/kg
	4-(p-acetoxyphenyl)-2-butanone	3572-06-3	94g/kg
	Other ingredients (non-hazardous)		balance
	Matrix material paper fibre		

4. FIRST AID MEASURES

Inhalation Physical composition of the product makes exposure to fipronil unlikely. Should symptoms appear, seek medical advice.
Ingestion Physical form of the product makes exposure to fipronil unlikely.
 If swallowed do NOT induce vomiting. Seek medical advice immediately and show this label or package, or contact Poisons Information Centre on 131 126 (Aust.). If vomiting is anticipated, ensure the patient is positioned so none enters the lungs. Acute health effects from exposure to fipronil in this product are unlikely due to its low concentration and physical form.
Dermal Exposure to fipronil is unlikely due to the use pattern and physical form of the product. Wash any affected areas thoroughly with soap and water.
Eye Should eye exposure occur, flush open eye thoroughly with running water for minimum 15 minutes.
First Aid Facilities If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 131 126.
Advice to Doctor Fipronil is a reversible gamma-aminobutyric (GABA) receptor inhibitor. During intoxication it will induce neurological stimulation and possible convulsions. Treat symptoms. Phenobarbital, and to a lesser extent, benzodiazepines have been shown

experimentally to be effective in preventing convulsions induced by fipronil. Due to slow absorption of fipronil through the gut, symptoms of intoxication may be delayed several hours to 24 hours. Absorption may be decreased by use of gastric lavage, saline purgative and activated charcoal (possible enterohepatic recirculation). Continue monitoring – due to slow elimination of the compound.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water fog, foam, carbon dioxide or dry chemical

Hazards from combustion When exposed to fire, will produce oxides of carbon, nitrogen, sulphur and possibly compounds of fluorine and chlorine.

Special Protective Equipment for Fire Fighters

Self contained respirators should be worn where product is involved in fire in a confined space.

Other Information

PREVENT FIRE WATER FROM ENTERING DRAINS OR OTHER WATER BODIES.

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposals

Rubber gloves to be worn when handling fibre stations.

See section 13 for product disposal information.

7. HANDLING AND STORAGE

Conditions for Safe

Storage

Store in the original container in a cool, well ventilated area out of direct sun.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls

Use only in well ventilated areas.

Personal Protective

Equipment

Use chemical resistant gloves when handling stations.

Hygiene Measures

After handling product and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash contaminated clothing and safety equipment after each day's exposure to product.

Requirements for

Special Training

Check State or Territory regulations that require people who use pesticides in their job or business to have training in the handling and use of the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Solid

Appearance

Aluminium foil packet containing sheets of paper fibre blocks.

Odour

Weak fruity odour when exposed.

Solubility in Water

1.9 mg/l for fipronil

Vapour Pressure

3.7×10^{-4} mPa @ 25°C for fipronil

Octanol/water

Kow Log P is 4.0 for fipronil

Partition Coefficient

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions

Hazardous Polymerization

Not possible

11. TOXICOLOGICAL INFORMATION

Inhalation

Inhalation of vapours of this very dilute material is unlikely to result in any toxic effects attributable to fipronil

Ingestion

An unlikely route of exposure. Possible symptoms of exposure may be headache, nausea, dizziness and weakness.

Skin

Not a skin irritant.

Reproductive Toxicity

Data indicates no reproductive effects.

Mutagenicity

Data indicates no mutagenic effects.

Carcinogenicity

Data indicates no carcinogenic effects.

Acute Toxicity – Oral

LD50 (rat) 97 mg/kg for fipronil

	LD50 (rat) 3000 mg/kg for 4-(<i>p</i> -acetoxyphenyl)-2-(butanone)
Acute Toxicity – dermal	LD50 (rat) >2000 mg/kg for fipronil.
Eye Irritation	Mild eye irritation.
Skin Sensitisation	Product is not a skin sensitiser.
Other Information	The Australian Acceptable daily Intake (ADI) for fipronil for a human is 0.0002 mg/kg/day, set for the public for daily lifetime exposure. This is based on the NOEL of 0.02 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. Health and Ageing Office of Chemical Safety and Environmental Health, 'ADI List', March 2010).

12. ECOLOGICAL INFORMATION

Known Harmful Effects on the Environment	Fipronil is toxic to fish and aquatic organisms.
Other Precautions	Do not contaminate waterways, dams or sewers with this product, or the containers which have held this product.
Acute Toxicity – Fish	Data for the active ingredient, fipronil: LC50 (96hr) rainbow trout 0.248 mg/l. LC50 (96hr) rainbow trout 21 mg/l for 4-(<i>p</i> -acetoxyphenyl)-2-butanone.
Acute Toxicity – Daphnia	LC50 (48hr) daphnia 0.19 mg/l for fipronil.
Acute Toxicity – Algae	EC50 (72hr) for algae 0.068 mg/l
Acute Toxicity – Other organisms	Data for the active ingredient, fipronil: LD50 for mallard duck >5000 mg/kg LD50 for bobwhite quail 49 mg/kg Highly toxic to bees by contact or ingestion.

13. DISPOSAL CONSIDERATIONS

Product Disposal	DacLure fruit fly passive bait stations will disintegrate over time.
Container Disposal	To dispose of unwanted product or bags, bury below 50cm in a disposal pit specifically marked and designed for this purpose clear of waterways and tree roots. Empty containers and product should not be burned.

14. TRANSPORT INFORMATION

Storage and Transport	Considered non dangerous for road and rail transport (in packaging) by the Australian Code for the transport of Dangerous Goods by Road or Rail. Ref: ADG7; SP No. AU01. For bulk shipments as Class 9, use UN 3077, HazChem code 2Z.
UN Number (Sea Transport)	3077
IMO Class Packing Group	Class 9
IMO Marine Pollutant	Marine pollutant.
IMO Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains fipronil)

15. REGULATORY INFORMATION

Poisons Schedule	S5
Packaging & Labelling	CAUTION: KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
AICS (Australia)	All of the components in this product are listed on the Australian Inventory of Chemical Substances.

16. OTHER INFORMATION**Date of preparation of****MSDS**

DATE:2022

ContactNormal Hours: Linley Davis Phone +61 7 3204 1115
