

WILD MAY FRUIT FLY ATTRACTANT**SAFETY DATA SHEET****SECTION 1 - IDENTIFICATION**

GHS Product identifier:	Wild May Fruit Fly Attractant
Other means of identification:	None
Recommended use of the product and restrictions on use:	Pesticide-free lure for attracting and killing the male Queensland Fruit Fly
Supplier's Details:	Wild May Essential Oils Pty Ltd ACN 087 415 370
Address:	33 Lathe Street, Salisbury, QLD 4107
Telephone Number:	0420 501 005
Contact Person:	Ms Natasha Thomas
Emergency phone number:	0420 501 005

SECTION 2 - HAZARDS IDENTIFICATION

Classification of Product:

This product is classified as not hazardous in accordance with the classification criteria of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Eighth Revised Edition.

SECTION 3 - COMPOSITION

Ingredients

Chemical entity	CAS Number	Proportion
4-(4-Acetoxyphenyl)-2-butanone	3572-06-3	> 0.25 g/L
2-Butanone, 4-(4-hydroxyphenyl)-	5471-51-2	< 0.5 g/L
Proprietary non-hazardous excipients	Not applicable	To 1L

SECTION 4 - FIRST AID MEASURES

The following First Aid directions for Wild May Fruit Fly Attractant have been set by the Australian Pesticides and Veterinary Medicines Authority (APVMA) as part of the registration assessment process:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

Advice to Doctor: Treat symptomatically

SECTION 5 - FIRE FIGHTING MEASURES

Product contains more than 95% water and is not expected to present a fire hazard.

Suitable extinguishing media:	No specific requirements. Use media suitable for surrounding fire
Hazards from combustion products:	None known.
Special protective precautions and equipment for fire fighters:	None known. Use precautions and equipment suitable for surrounding fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Contain spill using inert absorbent material. Collect and seal contained, absorbed material in chemical waste containers for disposal.

Methods and materials for containment and clean up:

Use absorbent material such as soil, sand or vermiculite. Wash area down with detergent and excess water. Do not allow wash water to enter sewers drains or waterways. Contain wash water as for spilled material.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Prevent contact with eyes and skin.

Conditions for safe storage, including any incompatibilities: Store below 30°C in a cool, dry place out of direct sunlight

SECTION 8 – EXPOSURE CONTROLS

National exposure standards: None allocated
Biological limit values: None allocated
Engineering controls: No special ventilation is required
Personal protective equipment: Special protective equipment not required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Clear to slightly milky
Odour: Sweet smelling, ketone like
Melting point (°C): Not applicable
Boiling point (°C): Not applicable
Specific gravity: 1.0
Vapour Pressure: Not applicable
Solubility in Water (g/L): Soluble
Flammability Limits: Not applicable

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability: Stable
Conditions to avoid: None known
Incompatible materials: Avoid contact with strong acids, alkalis and strong oxidising agents
Hazardous decomposition products: Very small amounts of oxides of carbon and hydrogen chloride may be released under fire conditions
Hazardous reactions: Hazardous polymerisation will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure:

Exposure to Wild May Fruit Fly Attractant may occur through ingestion and eye or skin contact. The major routes of exposure are expected to be eye and skin contact. There are no toxicology data available for this product. Information has been provided for the active constituents, where available. Other ingredients contribute minimally to the toxicity of the formulation.

Signs and symptoms of exposure:

Oral: Not known
Eyes: Not known
Skin: Not known
Inhalation: Not known

Summary of Toxicology:

The active constituents in this product are insect pheromones and are present at levels below 0.05% w/v. At these concentrations, the toxicological activities of the active constituents and therefore the product, are

expected to be minimal. The Acute Toxicity Estimate (ATE) calculated for the mixture in accordance with the formula provided in the GHS documentation is almost 300 g/kg.

Acute toxicity:

4-(p-hydroxyphenyl)-2-butanone

LD₅₀ Oral (Rat): 3,038 mg/kg

LD₅₀ Dermal (Rabbit) > 2,025 mg/kg

Acute toxicity:

4-(p-hydroxyphenyl)-2-butanone acetate

LD₅₀ Oral (Rat): 1,320 mg/kg

Remarks:

Behavioural: Altered sleep time (including change in righting reflex).

SECTION 12 – ECOLOGICAL INFORMATION

The product is not expected to be an ecological hazard. The attractant is specific to the Queensland fruit fly and some exotic fruit fly species and does not attract beneficial species. There is no ecological information on the mixture and the information on the active constituent suggests that its ecotoxicity potential is minimal.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods and containers:

Dispose of unused product in local authority landfill. Do not burn empty containers or unused product.

Triple or preferably pressure rinse containers before disposal. Add rinse water to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of water.

Special precautions for landfill or incineration:

Seek advice from local government authority before disposing of unused product in municipal landfill.

SECTION 14 – TRANSPORT INFORMATION

This product is not dangerous goods under the Australian Code for the Transport of Dangerous Goods by Road or Rail and is therefore not regulated under transport legislation.

SECTION 15 – REGULATORY INFORMATION

This product has been registered by the APVMA (Wild May Fruit Fly Attractant / 56171). In granting registration to any product, the APVMA has exercised its legislative responsibility to ensure that the product is suitably formulated and properly labelled and, when used according to instructions is:

- safe to the host, the user, consumers and the environment;
- efficacious (that is, the product does the job it claims it shall do); and
- not unduly prejudicial to trade.

The APVMA uses the services of a number of Australian and State government agencies as advisers to help with some of these evaluations of applications for registration of agricultural and veterinary chemical products. These include:

- the Office of Chemical Safety (OCS) of the Commonwealth Department of Health which:
 - evaluates and reports on toxicology and metabolism studies; proposes first aid and safety directions; determines poison schedule classifications; and establishes acceptable daily intakes (ADIs) and acute reference doses (ARfD); and
 - evaluates the occupational health and safety aspects of an application and recommends safety directions and occupational controls on use and advises on a Safety Data Sheet (MSDS);

- the Commonwealth Department of the Environment and Energy which evaluates environmental data and recommends appropriate use controls and instructions for the product that will protect the environment; and
- State and Territory departments responsible for agricultural and primary industries which evaluate and reports on efficacy and target crop or animal safety data for new agricultural chemicals and new uses of registered products. In some cases, the APVMA contracts this work out to other agencies such as universities, the CSIRO or to other experts.

The product is exempt from inclusion in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

SECTION 16 – OTHER INFORMATION

Date of last revision of the SDS: April 2022

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Update of section:	Sections 1, 16

References:

1. FAISD Handbook, Handbook of First Aid Instructions, Safety Directions, Warning Statements, and General Safety Precautions for, Agricultural and Veterinary Chemicals, (as updated), APVMA (Australian Pesticides and Veterinary Medicines Authority), <https://apvma.gov.au/node/26586>
2. Code of Practice – Preparation of safety data sheets for hazardous chemicals, Safe Work Australia, May 2018, <https://www.safeworkaustralia.gov.au/doc/model-code-practice-preparation-safety-data-sheets-hazardous-chemicals>
3. Australian Inventory of Industrial Chemicals (as updated), AICIS (Australian industrial Chemicals Introduction Scheme), Australian Government Department of Health, <https://www.industrialchemicals.gov.au/search-inventory>
4. APVMA Registrations and Permits, <https://apvma.gov.au/node/1060>
5. ADI [Acceptable Daily Intake] List (as updated), Commonwealth Department of Health, TGA (Therapeutic Goods Administration), https://apvma.gov.au/sites/default/files/publication/74511-acceptable_daily_intakes_adi_for_agricultural_and_veterinary_chemicals_used_in_food_producing_crops_or_animals_-_edition_4_2020.pdf
6. The Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code), Edition 7.7, 2020, https://www.ntc.gov.au/sites/default/files/assets/files/ADG%20Code%207.7_0.pdf
7. SUSMP (Standard for the Uniform Scheduling of Medicines and Poisons) (as updated), Chemicals and Medicines Scheduling Secretariat (MD122), Scheduling and Committee Governance, TGA, Commonwealth Department of Health, <https://www.tga.gov.au/publication/poisons-standard-susmp>
8. Hazardous Chemical Information System (HCIS), Safework Australia (as updated), <http://hcis.safeworkaustralia.gov.au/>
9. Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Eighth Revised Edition, United Nations, New York and Geneva, 2019, <https://unece.org/ghs-rev8-2019>
10. NIOSH Pocket Guide to Chemical Hazards
11. Chemical Classification and Information Database (CCID) (as updated), New Zealand Environmental Protection Authority, <http://www.epa.govt.nz/search-databases/Pages/HSNO-CCID.aspx>
12. National Institutes of Health (NIH), National Center for Biotechnology Information, Pubchem database, <https://pubchem.ncbi.nlm.nih.gov/compound/Ivermectin>

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company so we can attempt to obtain additional information from our suppliers. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. Please read all labels carefully before using product.