



COLIN CAMPBELL (CHEMICALS) PTY. LTD.

SAFETY DATA SHEET

Date of Issue: 1 December 2016

1) IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **CAMPBELL DISRUPT-OFM MATING DISRUPTION AGENT**

Other Names:

Chemical Group: Oriental fruit moth pheromone blend.

CAS No.: 28079-04-1, 38363-29-0, 40642-40-8

Recommended Use: Mating disruptant for codling moth (*Cydia pomonella*) in apples and pears.

Supplier Details: Colin Campbell (Chemicals) Pty Ltd ABN 29 000 045 590
5 Blackfriar Place
Wetherill Park NSW 2164

Telephone: (02) 9725 2544

Fax: (02) 9604 7768

Email: cccsyd@campbellchemicals.com.au

Website: www.campbellchemicals.com.au

Contact: Product Development Manager – (02) 9725 2544

Emergency Telephone Number: 13 11 26 (Poisons Information Centre)

2) HAZARDS IDENTIFICATION

GHS classification: Not a hazardous substance or mixture.

GHS Signal Words: No signal word required

Hazard Statements : No hazard statements required.

General Precautionary Statements : P102 Keep out of reach of children.
P103 Read label before use.

Pictograms : No pictograms required.

Precautionary statements Prevention: P264 Wash hands thoroughly after handling.

Precautionary statements Response: P312 : Call a POISONS CENTRE, doctor or physician if you feel unwell.

Storage : P233 Keep container tightly closed.
P234 Keep only in original container.

Disposal: P501 Dispose of contents/container to an approved waste disposal plant.

Other information : Non-dangerous and non-hazardous goods as defined by WHS.



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3) COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Z-8-dodecenyl acetate	28079-04-1	Total of all three active ingredients is 8.35%
E-8-dodecenyl acetate	38363-29-0	
Z-8-dodecanol	40642-40-8	

4) FIRST AID MEASURES

If poisoning occurs, move out of dangerous area immediately contact a doctor or Poison Information Centre (Ph: 13 11 26) and follow the advice given.

Show this Safety Data Sheet to the doctor.

If inhaled: Move to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call a doctor and give artificial respiration, preferably mouth to mouth if possible.

In case of skin contact: Carefully remove contaminated clothing and shoes immediately. Wash affected areas with mild soap and plenty of water.

In case of eye contact: Not seen as a means of contact.

If swallowed: Rinse mouth and afterwards drink plenty of water. DO NOT induce vomiting. Call a Poisons Information Centre or a doctor.

First Aid facilities No specific requirements.

Medical Attention: No information on symptoms. The first aid procedure should be established in consultation with a doctor responsible for industrial medicine.

5) FIRE FIGHTING MEASURES

Extinguishing media Water fog or mist, carbon dioxide, foam or dry chemical.

Hazard from combustion products Combustible. In a fire, formation of carbon monoxide, carbon dioxide, other unidentified products of hydrocarbon degradation, nitrogen oxides, low level cyanides and hydrogen chloride.

Precautions for fighting fires Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Keep unnecessary people away. If it can be done safely remove intact containers from the fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire residues and contaminated fire extinguishing water in accordance with local regulations. Do not release contaminated water into the environment.

Hazchem Code Not established



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6) ACCIDENTAL RELEASE MEASURES

If product has spilled pick up mechanically. Place unpouched product in tightly sealed containers. Prevent spilled material from entering drains or watercourses. Keep out of water sources and sewers.

7) HANDLING AND STORAGE

- Handling** Keep out of reach of children. When using do not eat, drink or smoke. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves and contaminated clothing.
- Storage** Store in the tightly closed original container in a cool well ventilated area away from flames. To maintain product integrity protect from high temperatures, preferably refrigerated or frozen. Keep container closed. Do not contaminate water sources, food or feed.

8) EXPOSURE CONTROL/PERSONAL PROTECTION

- Exposure Standards** No TWA has been established.
Exposure standard – Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight hour working day, for a five-day working week.
- Biological Limit Values** None allocated
- Engineering Controls** Use in a well ventilated area only.
- Personal Protective Equipment**
- | | |
|--------------|--|
| Eyes: | Usually none required. |
| Clothing: | Impervious overalls buttoned to the neck and wrists and a washable hat. |
| Gloves: | None required but vinyl, latex or rubber gloves recommended for continuous handling. |
| Respiratory: | Usually none required. |

9) PHYSICAL AND CHEMICALS PROPERTIES

- Appearance:** White flexible dispenser on a coloured clip.
- Odour:** Mild
- pH:** Not applicable
- Vapour pressure:** Not available.
- Vapour density:** Not available
- Boiling point:** Not applicable
- Freezing/Melting point:** Not applicable
- Solubility:** Insoluble in water.



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Specific gravity:	Not applicable
Viscosity:	Not applicable
Flash point:	Not applicable
Flammability (explosive) limit:	Not applicable
Auto ignition temperature:	Not available
Partition coefficient (octanol/water):	Unknown

10) STABILITY AND REACTIVITY

Chemical stability:	Stable against heat, acid, alkali, and sunlight under normal conditions of use and storage.
Conditions to avoid:	Do not store near easily ignited materials and chemicals or open flames
Incompatible materials :	Strong oxidising agents.
Hazardous decomposition products:	Combustible. In a fire, formation of carbon monoxide, carbon dioxide, other unidentified products of hydrocarbon degradation, nitrogen oxides, low level cyanides and hydrogen chloride.
Hazardous reactions:	Stable under recommended storage conditions. No decomposition if used as directed.

10) TOXICOLOGICAL INFORMATION

The toxicological properties of the active constituent have been investigated : the active ingredient is classified as a Straight Chain Lepidopteran Pheromone, a class of pheromones with no expected risks to human health or non-target organisms. No significant toxicity is expected.

Inhalation:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.
Ingestion:	No data available.
Chronic toxicity: Germ cell mutagenicity:	No data available to indicate product or any ingredient present at greater the 0.1% are mutagenic or genotoxic.
Carcinogenicity:	Not carcinogenic.
Toxic to reproduction: Specific target organ toxicity (repeated exposure):	Not classified No data available.



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Acute toxicity:	
Oral toxicity:	No data available.
Dermal toxicity :	No data available.
Inhalation toxicity:	No data available.
Sensitisation:	No data available.
Respiratory sensitisation	No data available.
Specific target organ toxicity (single exposure):	No data available.

11) ECOLOGICAL INFORMATION

No adverse effects to aquatic life has been reported. The ecotoxicological effects of this product have not been evaluated.

Ecotoxicity: No data available.

Environmental fate, persistence and degradability, mobility No data available.

Identified harmful effects on environment: There is no other data available for this product.

Other precautions: Do not contaminate dams, waterways or sewers with this product or used containers.

12) DISPOSAL CONSIDERATIONS

Waste resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility. The paper foil pouch is a non-refillable container. Do not reuse or refill this container. Then dispose of empty pouch in municipal rubbish.

13) TRANSPORT INFORMATION

International regulation

UNRTDG Not regulated as a dangerous good.

IATA-DGR Not regulated as a dangerous good



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IMDG-Code Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable for product as supplied.

National Regulations

ADG Code

Not considered as a dangerous good for transport by road or rail in Australia under the Australian Dangerous Goods Code.

14) REGULATORY INFORMATION

Registered under the Agricultural and Veterinary Chemicals Act 1988 (Commonwealth) Australian Pesticides and Veterinary Medicines Authority approval number: 55034

15) OTHER INFORMATION

Date of revision : 1 December 2016
Reason for revision : Upgrading to GHS format.

This MSDS 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 should read this MSDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products.

END OF SDS