



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 January 2008

#### 1) IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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

**Other Names:** (E,E)-8,10-Dodecadien-1-ol

**Chemical Group:** Insect pheromone

**Recommended Use:** For control of codling moth by mating disruption.

**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](mailto:cccsyd@campbellchemicals.com.au)

**Website:** [www.campbellchemicals.com.au](http://www.campbellchemicals.com.au)

**Contact:** Product Development Manager – (02) 9725 2544

**Emergency Telephone Number:** (02) 9725 2544 – 8am to 6pm Monday to Friday.

#### 2) HAZARDS IDENTIFICATION

##### NON HAZARDOUS SUBSTANCE - NON DANGEROUS GOOD

**Hazardous classification:** Not hazardous according to the criteria of the National Occupational Health & Safety Commission (NOHSC)

**Risk phrases:** No R-phrases.

**Safety phrases:** See sections 4,5,6,7,8,10,12,13

**ADG Classification:** Not a Dangerous good for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**SUSDP classification:** Not scheduled (Standard for the Uniform Scheduling of Drugs & Poisons)

#### 3) COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
(E,E)-Dodecadien-1-ol	33956-49-9	160mg/dispenser

#### 4) FIRST AID MEASURES

**If poisoning occurs, immediately contact a doctor or Poison Information Centre (Ph: 13 11 26) and follow the advice given. Show this Material Safety Data Sheet to the doctor.**

**Inhalation:** If inhaled remove to fresh air and keep at rest.

**Skin Contact:** A small amount of skin contact is not normally harmful. Remove contaminated clothing and wash affected areas with soap and water.



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 January 2008

#### 4) FIRST AID MEASURES continued

<b>Eye contact:</b>	Check and remove any contact lenses. Rinse eyes immediately with clean water for at least 15 minutes and seek medical aid.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting. If victim is fully conscious, immediately give large quantities of water to drink and get medical help. Never give anything by mouth to an unconscious person.
<b>First Aid facilities</b>	Ensure eye wash is available.
<b>Medical Attention:</b>	Treat symptomatically.

#### 5) FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Water spray, foam, dry chemical, carbon dioxide (CO <sub>2</sub> ).
<b>Hazard from combustion products</b>	Burning may release nitrogen oxides.
<b>Precautions for fighting fires</b>	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 extinguishing agent and spillage safely later.
<b>Hazchem Code</b>	Not applicable.

#### 6) ACCIDENTAL RELEASE MEASURES

No specific requirements. Do not smoke, eat or drink during the clean up process. Wear personal protective clothing and equipment as detailed in Section 8 PERSONAL PROTECTION. Keep people and animals away. Collect and store in properly labelled drums for safe disposal. Clean floor with a damp cloth and place it in the drum. Seal drums and label ready for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses etc is unavoidable warn the local water authority.

#### 7) HANDLING AND STORAGE

<b>Handling</b>	Keep out of reach of children. Will irritate eyes and skin. 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.
<b>Storage</b>	Store in unopened original foil envelopes. Store in a cool area away from direct sunlight. If Disrupt is to be stored for longer than 3 months, product under refrigeration at or below 5°C. Do not store for prolonged periods in direct sunlight. Store in a locked room away from children, animals, food, animal feed, seed and pesticides.
<b>Flammability</b>	Not flammable.



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 January 2008

#### 8) EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Exposure Standards</b>	No exposure standards have been assigned to the product. 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	
<b>Biological Limit Values</b>	None allocated	
<b>Engineering Controls</b>	Use in a well ventilated area only.	
<b>Personal Protective Equipment</b>	Eyes:	None necessary
	Clothing:	None necessary
	Gloves:	Gloves
	Respiratory:	None necessary

#### 9) PHYSICAL AND CHEMICALS PROPERTIES

<b>Appearance:</b>	White plastic sheet (dimensions 50mm x 50mm), attached to coloured plastic clip
<b>Odour:</b>	Waxy or fatty.
<b>Vapour pressure:</b>	Not applicable
<b>Vapour density:</b>	Not applicable
<b>Melting point:</b>	Not applicable
<b>Freezing/Melting point:</b>	Not applicable
<b>pH:</b>	Not applicable
<b>Solubility:</b>	Not applicable
<b>Specific gravity:</b>	Not applicable
<b>Flash point:</b>	Not applicable
<b>Flammability (explosive) limit:</b>	Not applicable
<b>Auto ignition temperature:</b>	Not applicable
<b>Partition coefficient (octanol/water):</b>	Not applicable

#### 10) STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Conditions to avoid:</b>	Heat will advance release of pheromone
<b>Incompatible materials :</b>	None.
<b>Hazardous decomposition products:</b>	None
<b>Hazardous reactions:</b>	None. Hazardous polymerisation is not possible.



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### MATERIAL SAFETY DATA SHEET

Date of Issue: 1 January 2008

#### 11) TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	No effects should be noticed under normal conditions.
<b>Skin contact:</b>	Concentrated active constituent may cause irritation and/or redness with prolonged exposure. Generally no effects with product as supplied.
<b>Eye contact:</b>	Concentrated active constituent may cause irritation. Generally no effects with product as supplied.
<b>Ingestion:</b>	Generally no effects with product as supplied.

#### ANIMAL TOXICITY DATA – PRODUCT

<b>Acute:</b>	
<b>Oral toxicity</b>	LD-50(rat) of active constituent 5050mg/kg
<b>Dermal toxicity:</b>	LD-50(rabbit) of active constituent >2020mg/kg.
<b>Inhalation toxicity:</b>	No data.
<b>Skin irritation:</b>	Slightly irritating.
<b>Irritation of mucous membranes:</b>	May cause irritation
<b>Sensitisation:</b>	No data
<b>Chronic:</b>	No information available.

#### 12) ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data
<b>Environmental fate, persistence and degradability, mobility</b>	Not available.

#### 13) DISPOSAL CONSIDERATIONS

Dispose of containers using the normal waste method. Empty containers and product should not be burnt.

#### 14) TRANSPORT INFORMATION

<b>UN Number:</b>	Not applicable
<b>Proper Shipping name:</b>	Not applicable
<b>Class and subsidiary risk:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>EPG:</b>	Not applicable
<b>Hazchem code:</b>	Not applicable



**COLIN CAMPBELL (CHEMICALS) PTY. LTD.**

**MATERIAL SAFETY DATA SHEET**

Date of Issue: 1 January 2008

---

**15) REGULATORY INFORMATION**

Registered under the Agricultural and Veterinary Chemicals Act 1988 (Commonwealth) Australian Pesticides and Veterinary Medicines Authority approval number: 50957

**16) OTHER INFORMATION**

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.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made the user should contact this company.

**END OF MSDS**