



COLIN CAMPBELL (CHEMICALS) PTY. LTD.

SAFETY DATA SHEET

Date of Issue: 1 November 2021

1) IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: CAMPBELL CYD-X BIOLOGICAL INSECTICIDE
Other Names: Codling moth granulosis virurs, CpGV
Chemical Group: Biological insecticide
CAS No.: 31393-98-3, 25719-60-2
Recommended Use: Insecticide for use on horticultural crops
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: ccsyd@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 classified as hazardous.

GHS Signal Words: CAUTION

Hazard Statements : None required

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

Pictograms : No pictogram required

Precautionary statements Prevention: P261 : Avoid breathing dust, fumes, gas, mist, vapours or spray.
P262 : Do not get in eyes, on skin or on clothing.
P264 : Wash hands thoroughly after handling and before eating, drinking, chewing gum, smoking or using the toilet..
P280 : Wear protective clothing, chemical resistant gloves, and safety glasses.

Precautionary statements Response: P302 + P352 IF ON SKIN : Wash with plenty of soap and water.
P332 +P313 : If skin irritation occurs : Get medical attention.
P362 + P364 : Take off contaminated clothing and wash it before reuse.
P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously.
P337 + P313 : If eye irritation persists: Get medical attention.



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- Storage :** P402 + P404 : Store in a dry place. Store in a closed container.
P403+P235 : Store in a well-ventilated place. Keep cool.
P411 : Store at temperatures not exceeding 5°C.
- Disposal:** P501 Dispose of contents/container to an approved waste disposal plant.
- Other information :** Non dangerous good as defined by the Australian Dangerous Goods Code for transport by road and rail in Australia.
Hazardous goods as defined by SWA.

3) COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Cydia pomonella granulosis virus	Not applicable.	0.06%
Proprietary	Proprietary	Balance

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. If skin redness or irritation occurs, get medical attention. Wash contaminated clothing before reuse.
- In case of eye contact:** Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do after the first 5 minutes of washing, then continue rinsing cautiously for several minutes. If eye irritation persists, call a doctor.
- If swallowed:** Remove from source of exposure. DO NOT induce vomiting. If signs of toxicity appear, contact a Poisons Information Centre or a doctor. Do not give anything by mouth to an unconscious person.
- First Aid facilities** Ensure eye wash and safety shower are available.
- Medical Attention:** No information on symptoms. The first aid procedure should be established in consultation with a doctor responsible for industrial medicine.



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5) FIRE FIGHTING MEASURES

Extinguishing media	Water mist, carbon dioxide, alcohol-resistant foam or dry chemical. Use appropriate medium for the underlying cause of the fire.
Hazard from combustion products	None known
Precautions for fighting fires	None specified
Hazchem Code	None allocated

6) ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled material or contaminated surfaces. 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. Ensure adequate ventilation. Contain spill and absorb with earth, sand, clay or other absorbent material. Prevent spilled material from entering drains or watercourses. 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

Handling	Keep out of reach of children. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Do not inhale spray mist. 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 only. Store in a cool dry area out of the way of children. Store at temperatures below 30°C. Bioactivity may be impaired by storage above 30°C. Storing the product in freezer or refrigerator will extend shelf life.

8) EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Standards	No exposure limits determined. 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	None allocated



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Values

Engineering Controls Control process conditions to avoid contact. Use in a well ventilated area only. Facilities storing or utilising this material should be equipped with an eyewash facility and safety shower. Provide mechanical ventilation for enclosed spaces.

Personal Protective Equipment

Eyes: Safety goggles. Eye wash bottle with pure water.

Clothing: Impervious overalls buttoned to the neck and wrists and a washable hat.

Gloves: Waterproof gloves. Before removing gloves clean them with soap and water.

Respiratory: Not necessary unless adequate ventilation is inadequate. If inhalation is likely an AS/NZS 1715/1716 approved respirator should be worn.

9) PHYSICAL AND CHEMICALS PROPERTIES

Appearance: Grey/brown liquid.

Odour: Mild earthy

pH: 6.0 – 8.0

Vapour pressure: Not determined

Vapour density: Not determined

Boiling point: Not determined

Freezing/Melting point: Not determined

Solubility: 99% with water.

Specific gravity: 1.102 – 1.218 at 20°C

Viscosity: Not determined

Flash point: Not flammable

Flammability (explosive) limit: Not flammable

Auto ignition temperature: Not determined

Partition coefficient (octanol/water): Not determined

10) STABILITY AND REACTIVITY

Chemical stability: Stable at ambient temperatures.

Conditions to avoid: Elevated temperatures.

Incompatible materials : None known

Hazardous decomposition products: None known

Hazardous reactions: None known.



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11) TOXICOLOGICAL INFORMATION

Inhalation:	No data available.
Skin contact:	No data available.
Eye contact:	May cause mild eye irritation.
Ingestion:	No data available.
Chronic toxicity:	
Germ cell mutagenicity:	No data available.
Carcinogenicity:	Not applicable.
Toxic to reproduction:	Occasional workplace exposure is not expected to present a hazard.
Specific target organ toxicity (repeated exposure):	No known target organ effects.
Acute toxicity:	
Oral toxicity:	Toxicity not expected based on published literature.
Dermal toxicity :	Toxicity not expected based on published literature.
Inhalation toxicity:	Toxicity not expected based on published literature.
Sensitisation:	No data available.
Respiratory sensitisation	No data available.
Specific target organ toxicity (single exposure):	No known target organ effects.

12) ECOLOGICAL INFORMATION

Ecotoxicity:	Toxicity to non-target organisms not expected based on published literature and the known specificity CpGV
Environmental fate, persistence and degradability, mobility	Rapid degradation, in part due to inactivation from exposure to UV light. Bioaccumulation not expected. Do not apply directly to water. Granuloviruses have the ability to leach through soil but risk of reaching groundwater is low.
Identified harmful effects on environment:	No data available.
Other precautions:	No data available.



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13) DISPOSAL CONSIDERATIONS

This product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used containers. Triple or preferable pressure rinse containers before disposal. Add rinsings to the mixing tank. Do not dispose of undiluted chemical 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 waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Do not reuse empty containers.

14) TRANSPORT INFORMATION

International regulation

UNRTDG	Not regulated as a dangerous good.
IATA-DGR	Not regulated as a dangerous good
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.

15) REGULATORY INFORMATION

Registered under the Agricultural and Veterinary Chemicals Act 1988 (Commonwealth) Australian Pesticides and Veterinary Medicines Authority approval number: 66706

16) OTHER INFORMATION

Date of revision : 1 November 2021

Reason for revision : Renewal.

This 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 should read this SDS 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