



Safety Data Sheet: NoPests Madex®2

1. IDENTIFICATION

Product Name:	NoPests Madex®2
Other Names:	-
Recommended Use:	Insecticide; <i>Cydia pomonella</i> Granulovirus for control of codling moth on pip fruit for use by home gardeners.
Distributor:	Key Industries Ltd
Address:	P.O. Box 65070, Mairangi Bay, Auckland 0754
Telephone:	09 917 1791
Emergency Phone:	027 494 1659
National Poisons Centre:	0800 POISON (0800 764 766)

2. HAZARDS IDENTIFICATION

Hazardous substance according to the HSNO Act 1996 Hazardous Substances (Classification) Notice 2017.

Approval: HSR101244

Hazard Classifications: 6.5B, 9.1D

Pictograms:



Signal word:	WARNING
Hazard statements:	H317 May cause an allergic skin reaction. H402 Harmful to aquatic life.
Precautionary statements:	
Prevention:	P103 Read label before use. P261 Avoid breathing mist/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves.
Response:	P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P333 + P313 If skin irritation or rash occurs: Get medical advice. P363 Wash contaminated clothing before re-use.
Storage:	-
Disposal:	P501 Dispose of product and container in accordance with local regulations.

Other information:

Hazardous Substance (Labelling) Notice 2017 Refer Section 15. *NZS5433 Transportation of Dangerous Goods on Land* Classified as non-DG for transport. Refer Section 14.



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3. COMPOSITION: INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (%w/w)
<i>Cydia pomonella</i> granulovirus	Not applicable	<1 *
Other ingredients **	Proprietary	Balance
* 2.5 x 10 ¹² GV/L		
** do not affect the hazardous classifications of the product		

4. FIRST AID MEASURES

Consult the National Poisons Information Centre 0800 POISON (0800 764 766) or a doctor in every case of suspected chemical poisoning. Have product label or Safety Data Sheet at hand.

INGESTION: Rinse mouth. Do NOT induce vomiting. Get medical advice if person feels unwell. If vomiting occurs spontaneously, keep head below hips to prevent vomit entering lungs.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. If irritation or rash develops, obtain medical advice. Wash contaminated clothing before reuse.

EYE CONTACT: Flush with running water for at least 15 minutes. Remove contact lenses if present, and easy to do after 5 minutes before continuing rinsing. Get medical advice if irritation persists.

INHALATION: Remove patient to fresh air and keep at rest in a position comfortable for breathing until recovered. Get medical advice if person feels unwell or has respiratory symptoms, e.g. difficulty breathing.

First Aid facilities: Provide eye baths and safety showers close to work areas.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flashpoint: Non-flammable.

Suitable extinguishing media: Water fog/spray, dry chemical, carbon dioxide, foam. Do not use water as jet.

Hazards from combustion products: May generate harmful fumes and smoke.

Precautions for fire fighters and special protective equipment: Do not breathe vapour from heated material. Wear self-contained breathing apparatus with full face-piece and protective clothing.

Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Wear appropriate personal protection equipment to prevent contact with skin and eyes. Do not breathe spray mist.

Environmental Precautions: Contain spill and prevent from entering drains, sewer or any water course. In event of large spill and contamination of a water-course, notify the Police, local Health Protection Officer and Council.

Methods and materials for containment: Contain any liquid spillage with earth, clay, sand or similar absorbent material. Collect into labeled container that can be sealed for disposal to landfill. Wash down area with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep out of reach of children. Read the label. Wear impervious gloves and protect eyes from splashes. Launder contaminated clothing before reuse.

Conditions for Safe Storage: Store out of reach of children and unopened packages in refrigerator (<5 °C). When stored at room temperature, Madex®2 should be used within 28 days.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Health Exposure Standards: Workplace Exposure Standards (WES), have not been set by Worksafe for this substance:

Biological limit values: None established

Engineering Controls: *Ventilation:* Use outdoors or in a well-ventilated area.

Personal Protective Equipment: *Respiratory Protection:* Respiratory protection should not be necessary when used in well-ventilated area or with mechanical ventilation in enclosed spaces.

Eye Protection: Wear safety goggles or glasses.

Skin/ Body Protection: Wear impervious gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey-brown suspension concentrate
Odour	Not specified.
Odour threshold	Not determined
pH	
Melting/Freezing point °C	6.0 – 7.0
	Not determined
Boiling Point/Range °C	>100
Flash Point °C	Non flammable
Flammability (solid, gas)	Not applicable
Upper/lower flammability/explosive limits	Not applicable
Vapour Pressure mm Hg @ 20°C	Not available
Vapour Density Pa @ 25°C	Not determined
Relative density	1.1 -1.2
Solubilities	Suspension/dispersion in water.
Partition coefficient: n-octanol/water	Not available
Autoignition Temperature °C	Not determined
Decomposition Temperature °C	Not determined
Kinematic viscosity	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to avoid: Storage at room temperature or thawed for more than 28 days, contact with products with pH <6 or .8, or contact with oxidizing agents.

Hazardous decomposition products: On combustion, harmful fumes/gases and smoke generated.

Hazardous reactions: Not known to occur.

11. TOXICOLOGICAL INFORMATION

Toxicity classifications determined by assessment of the components in the formulated mixture.

Acute toxicity: Not classified as being acutely toxic by ingestion, dermal contact or inhalation.

Aspiration hazard: Not classified as an aspiration hazard.

Respiratory irritation: Not classified as respiratory irritant. Spray/mists may cause respiratory tract irritation.

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: Slightly irritating to eyes.

Respiratory or skin sensitization: Classified as contact sensitiser.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific organ toxicity: Not classified.

Narcotic effects: Not classified.

EMERGENCY PHONE: KEY INDUSTRIES LTD (Frank Visser, Managing Director): 0274 941 659

Date of Issue: 22nd October 2019

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Toxicological Information: Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: This mixture is classified as harmful to aquatic life (biocidal effect). Do not contaminate waterways, sewers, or drains when using product, or when disposing of product or container.

Persistence and degradability: No specific information on product is available.

Potential to be bioaccumulative: No specific information available.

Mobility in soil: No specific information available.

Other adverse effects: No information available

Ecotoxicological Information: Product is intended for control/management of codling moth on pip trees.

Environmental Exposure Limits (EEL's): Not set.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure packaging is empty before disposal to landfill.

Waste should be disposed of to an approved waste disposal facility or by burying at an approved site.

Ensure disposal of packaging and product is in compliance with requirements of national and local authorities

14. TRANSPORT INFORMATION

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	Non regulated	UN No.	Non regulated	UN No.	Non regulated
Proper Shipping Name		Proper Shipping Name		Proper Shipping Name	
DG Class		DG Class		DG Class	
Sub. Risk		Sub. Risk		Sub. Risk	
Pack Group		Pack Group		Pack Group	
Hazchem		Hazchem			

Marine Pollutant: No

Dangerous Goods Segregation

This product is classified as a non- Dangerous Good for Transport.

Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

HSNO Act 1996

Approval Code: HSR101244; MADEX 2

Classifications: 6.5B, 9.1D

Controls: Refer to www.epa.govt.nz for information on Controls.

Additional Controls under Regulation 77a: Do not apply onto or into water.

Additional label statement requirements under Hazardous Substances (Labelling) Notice 2017:

- Pictograms, signal word, hazard statements and precautionary statements
- Disposal information
- Statement (consumer product): Read label before use.
- Statement: Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.
- Statement (or similar wording): Do not apply into or onto water.

ACVM Act 1997

Registration Number: P9452

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Tradename: NoPests Madex®2

Bio Gro Number : 4300

16. OTHER INFORMATION

Date of issue: 22nd October 2019

Reasons for Issue: New product

Replaces: Not applicable

Abbreviations:

ACVM Agricultural Compounds and Veterinary Medicines

ECHA European Chemical Agency

EPA New Zealand Environmental Protection Authority

GHS Global Harmonised System

HSIS Hazardous Substance Information System

HSNO Hazardous Substances and New Organisms

NZIoC New Zealand Inventory of Chemicals

STEL Short Term Exposure Limit (15 minute exposure period)

TWA Time-Weighted Average (8 hours exposure period)

WES Workplace Exposure Standard

References:

EPA www.epa.govt.nz

Supplier information and SDS

Worksafe NZ www.worksafe.govt.nz

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the supplier's knowledge. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Key Industries Limited.