

NoMate CM Spirals

Section 1: Identification of the Substance or Mixture and of the Supplier

Product name:	NoMate CM Spirals
Recommended use:	Pheromone communication/mating disruptor for codling moth.
Company details:	Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
Telephone:	+64 4 237 0905
Email:	grochem@grochem.com
Emergency telephone:	New Zealand 0800 CHEMCALL – 24 hours (0800 243 6225) Australia 1800 127 406 Other locations +64 4 917 9888 or The National Poisons Centre 0800 POISON (0800 764 766)
Date of preparation:	06 November 2015

Keep out of reach of children. Please read SDS and label before use.

Section 2: Hazards Identification

Hazard classification:

Dangerous Goods (Transport)	Class 9, Miscellaneous dangerous goods
Hazardous Substances (HSNO)	9.1A (WARNING Very toxic to aquatic life with long lasting effects)

Section 3: Composition/Information on Ingredients

Classification & type:

Material	CAS No.	Proportion (%w)
(E,E)-8,10-Dodecadien-1-ol	33956-49-9	7.75%
Inert components	-	to 100%

Section 4: First Aid Measures

Symptoms of exposure	No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms that may arise if the product is mishandled are:
Symptoms and effects	Can cause irritation to eyes, skin, and respiratory tract.
First aid actions	If exposed, concerned or if symptoms persist: Get medical attention/advice. If medical advice is needed, have product container or label at hand. Call a POISON CENTRE or Doctor if you feel unwell.
If Swallowed:	Rinse mouth, DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764766).
If in Eye:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

If on Skin:	Wash skin after handling. If skin irritation occurs, get medical advice.
If Inhaled:	Move to fresh air, and keep at rest in a position comfortable for breathing. Seek medical advice after significant exposure.
Workplace facilities	Eyewash facilities should be available.
Notes for medical personnel	Treat symptomatically.

Section 5: Fire Fighting Measures

HAZCHEM Code	2X
Combustion products	Unknown hazardous materials may be formed in a fire. Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiates.
Extinguishing media & methods	Use media appropriate to surrounding materials. Cool closed containers with water.
Recommended protective clothing	Firefighters should wear full protective clothing and self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal protection:	See Section 8.3 for appropriate PPE.
Containment and clean up	Collect spillage and reuse or dispose of collected material at an approved landfill.
Special requirements	See Section 13 for instructions for the disposal of waste/contaminated material.

Section 7: Handling and Storage

Subsection 1:	Handling
Handling practices	Wear appropriate PPE as detailed in Section 8.3.
Subsection 2:	Storage
Site requirements	Store in a cool dry place. Refrigerate after opening.
Packaging	Store product in the closed, packaging.

Section 8: Exposure Controls/Personal Protection

Subsection 1:	Workplace Exposure Guidelines (may also be considered in section 2)
Workplace exposure standards	No exposure standards have been set for this substance.
Subsection 2:	Engineering Controls
Exposure control measures	Use in a well ventilated area. Wear appropriate PPE and avoid contact.
Subsection 3:	Personal Protective Equipment (PPE)
	Use good personal hygiene. Wash hands after handling. Gloves are recommended.

Section 9: Physical and Chemical Properties

Appearance	Red plastic spirals	pH	N/A
Odour	Slight solvent smell	Boiling point (degC)	N/A
Specific gravity (kg/L)	N/A	Freezing point (degC)	N/A
Solubility	N/A	Flashpoint (degC)	12°C for active

Section 10: Stability and Reactivity

Stability of substance	Stable under normal conditions.
Conditions to avoid	High temperature.

Material to avoid	Avoid contact with Acid, Base, Corrosive and Oxidizing materials.
Hazardous decomposition products	Unknown hazardous materials may be formed in a fire. Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiates.
Hazardous polymerization	Will not occur.

Section 11: Toxicological Information

Data and Interpretation:	No toxic data available. Not rated toxic by EPA so LD50 >5000mg/kg. See Section 2 for general hazard information.
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Section 12: Ecological Information

Potential environmental interactions:	Highly toxic in the aquatic environment. Do not allow application onto or into water or disposal into water.
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Section 13: Disposal Considerations

Product disposal:	Use as directed on the label or at dispose of at an approved facility.
Container disposal:	Recycle or bury at an approved landfill.

Section 14: Transport Information

UN number:	3077
DG Class and Subsidiary Group:	9
Proper shipping name:	Environmentally Hazardous Substance, Solid, NOS.
Packing group:	III
HAZCHEM code:	2X
Special precautions:	None

Section 15: Regulatory Information

Regulatory status	Approved Pursuant to the HSNO Act 1996 HSR008047. See www.epa.govt.nz for approval conditions.
HSNO Controls:	Trigger quantities for this substance:
SDS must be available for:	5hg
Signage:	100kg
Emergency plan:	100kg

Section 16: Other Information

Revision due:	6 November 2020
Additional Information:	Directions for use are found on the product label.

Glossary:

CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds.
HSNO	Hazardous Substances and New Organisms (legislation 1996).
LD50	Lethal Dose fatal to 50% of test animals/organisms.
PPE	Personal Protective Equipment.

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of Grochem, it is the user's responsibility to determine conditions of safe use of the product.