

Product no. RM-SMAR-A100
 Product name **NoMate® CM Smart Release**
 Scientific name *Cydia pomonella*
 EPA Reg. No. 36638-46

Issue Date: October 2019
 Revision Date: January 2023
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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	Product identifier	NoMate® CM Smart Release
1.2	Relevant identified uses of the substance or mixture and uses advised against	NoMate® CM Smart Release is a pheromone communication disruptant for control of Codling Moth (<i>Cydia pomonella</i>). The aerosol canister is used in combination with Scentry's emitter for metered release of pheromone.
1.3	Details of the supplier of the safety data sheet	*See 7.3 Scentry Biologicals, Inc. 610 Central Ave. Billings, MT 59102 scentry@scentry.com Tel: 1-(406)-248-5856 Fax: 1-(406)-245-2790
1.4	Emergency Telephone number	1-(800)-735-5323

SECTION 2: HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture Flammable Aerosol- Skin Sensitization-	Category 1 Category 1B
2.2	GHS Classification and Labeling	
	Signal Word	Danger
	Hazard pictograms GHS02 GHS07	
	Hazard Statements H222 H229 H317	Flammable aerosol Pressurized container: may burst if heated May cause an allergic skin reaction
	S-phrases S2..... S13..... S46..... S20/S21, S24/S25,S26,S28 S36/S37.....	Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. If swallowed, seek medical advice immediately and show this container or label. When using this product do not eat, drink or smoke, avoid contact with skin and eyes, after contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing and gloves.
	Precautionary statements P103 P210 P251 P264 P280..... P302+P352..... P302+P351+P338	Read Label before use Keep away from heat/sparks/open flames/hot surfaces. No smoking Pressurized container: Do not pierce or burn, even after use. Wash Hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of soap and water. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.
2.3	Other hazards	None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Substance (s)	Product Identifier (CAS No.)	%	Synonym (s)	GHS Classification
	(E,E)-8,10-Dodecadien-1-ol	33956-49-9	18.5	CM Pheromone Codlure Codlure alcohol 8.10-Dodecadien-1-ol	Skin Sens. 1B
	Ethanol	64-17-5	N/A	Ethyl Alcohol	Flam. Aero. 1
	Other ingredients		N/A	Trade secret, non-hazardous	

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SECTION 4: FIRST AID MEASURES		
4.1	Description of first aid measures Inhalation Skin contact Eye contact Ingestion	Remove to fresh air. Seek medical attention if symptoms persist. Remove contaminated clothing and wash well with soap and water. Seek medical attention if symptoms persist. Irrigate with water for at least 15 minutes. Seek medical attention if symptoms persist. If ingested rinse mouth with water. Seek medical attention if symptoms persist.
4.2	Most important symptoms and effects, both acute and delayed	Primarily irritation
4.3	Indication of any immediate medical attention and special treatment needed	Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES		
5.1	Extinguishing media	Foam or carbon dioxide for small fires, water spray or foam for large fires. Use water spray to keep fire-exposed containers cool.
5.2	Special hazards arising from the substance or mixture	Flammable. Contents under pressure. Keep away from ignition sources, heat, hot surfaces, sparks and open flame.
5.3	Advice for firefighters	Use standard fire fighting techniques.

SECTION 6: ACCIDENTAL RELEASE MEASURES		
6.1	Personal precautions, protective equipment and emergency procedures	Avoid contact with eyes, skin and clothes. Avoid spray inhalation. See section 8 for further detail on personal protective equipment.
6.2	Environmental precautions	Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Keep out of water sources and sewers.
6.3	Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.
6.4	Reference to other sections	See section 7 for fire prevention. See section 8 for personal protection. See section 13 for disposal.

SECTION 7: HANDLING AND STORAGE		
7.1	Precautions for safe handling	General precautions to be taken with handling. Avoid contact with eyes, skin and clothes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources, No smoking. Do not pierce or burn, even after use.
7.2	Conditions for safe storage, including any incompatibilities	Store in cool, dry area out of direct sunlight. do not expose to temperatures above 50°C (122°F). Keep storage container closed until ready to use. Keep away from food, feedstuffs, and domestic water supplies.
7.3	Specific end use(s)	NoMate® CM Smart Release is a pheromone communication disruptant for control of Codling Moth (<i>Cydia pomonella</i>). The aerosol canister is used in combination with Scentry's emitter for metered release of pheromone.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION		
8.1	Personal exposure limits	To our knowledge, no personal exposure limits have been established for end-use product.
8.2	Exposure controls	Keep away from foodstuffs, beverages and food. Avoid contact with eyes and skin. Avoid inhalation of spray.
	Respiratory protection	None required, if the room is well-ventilated. Use with local ventilation
	Protective gloves	None required, but vinyl, latex or rubber gloves is recommended for continuous handling. The exact break through time of the various types of protective gloves has to be found out by the manufacturer and has to be observed.
	Eye protection.....	None required, but chemical goggles or shielded safety glasses are recommended.
	Other skin protection	Wear suitable protective clothing.
NOTE:		
Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is		

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suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on physical and chemical properties	
Appearance	Aerosol
Odor	Waxy, Fatty
Odor threshold	Not determined
pH	7-8
Melting point/Freezing point	Not determined
Initial boiling point and boiling range	98.2°C
Flash point	45.04°C, 113.07°F
Evaporation rate	Not determined
Flammability (solid/gas)	Extremely flammable
Upper/ lower flammability or explosive limits	Not determined
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	Not determined
Solubilities	Not determined
Viscosity	Not determined
Explosive properties	May cause bursting if exposed to temperatures above 130°F
Oxidizing properties	Not oxidizing
Decomposition temperature	Not determined
Auto-ignition temperature	Not determined
Partition coefficient: n-octanol/water	Not determined
9.2 Other Information	None

SECTION 10: STABILITY AND REACTIVITY	
10.1 Reactivity	To our knowledge, the product has no special reactivities.
10.2 Chemical stability	Stable at ambient temperatures while in storage and while being handled.
10.3 Possibility of hazardous reactions	Thermally decomposition products may include CO, CO ₂ , H ₂ O.
10.4 Conditions to avoid	Excessive heat, sparks, open flame or other possible sources of ignition.
10.5 Incompatible materials	None known.
10.6 Hazardous decomposition products	See Section 5

SECTION 11: TOXICOLOGICAL INFORMATION	
11.1 Information on toxicological effects	
Acute toxicity	This product contains a straight chain lepidopteran pheromone, a class of pheromones with no expected risks to human health or non-target organisms. No studies have been performed on the end-use product. The following toxicity data is for the active ingredient: E,E-8-10-dodecadien-1-ol
Route(s) of Entry	
- skin (most likely)	LD ₅₀ , dermal, rabbit: >2020 mg/kg
-ingestion	LD ₅₀ , oral, rat: >5050 mg/kg
-inhalation	LD ₅₀ , inhalation, rat: >2mg/L
Delayed, immediate, or chronic effects from short term exposure	Not determined
Delayed, immediate, or chronic effects from long term exposure	Not determined
Symptoms	May cause mild to moderate skin and eye irritation
Indication of whether the chemical is listed in the NTP, or has found to be carcinogenic by the IARC or OSHA	Not determined

SECTION 12: ECOLOGICAL INFORMATION	
12.1 Toxicity	No Studies have been performed on the end-use product. The following ecological toxicity data is for the active ingredient: E,E-8-10-dodecadien-1-ol
The ecotoxicity of the active ingredient is measured as:	
- Fish	96-h LC ₅₀ >5.87 mg/L
- Algae	72-h LOEC Not determined

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	- Daphnia	48-h LC ₅₀	Not determined
	- Bees	48-h LD ₅₀ , contact	Not determined
		48-h LD ₅₀ , oral	Not determined
12.2	Persistence in degradability		Easily decompose to carbon monoxide, carbon dioxide and water.
12.3	Bioaccumulative potential		Not determined
12.4	Mobility in soil		Not determined
12.5	Results of PBT and vPvB assessment		Not determined
12.6	Other adverse effects		None

SECTION 13: DISPOSAL CONSIDERATIONS		
13.1	Waste treatment methods	
	Disposal of product	Do not contaminate water, foodstuffs, feed, seed or sewage water by storage or disposal. Full or partially full cans must be depressurized before disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. To minimize exposure, see section 8.
	Disposal of packaging	Dispose of empty cans in recycling or landfill.

SECTION 14: TRANSPORT INFORMATION		
14.1	UN number	UN1950
14.2	UN proper shipping name	Aerosols, Flammable
	Ground	UN 1950, Aerosols, Flammable (each not exceeding 1 L capacity), Class 2.1
	Air	UN 1950, Aerosols, Flammable, Class 2.1
	Marine	UN 1950, Aerosols, Flammable, Class 2.1
14.3	Transport hazard class(es)	Class: 2.1
14.4	Packing group	Not applicable
14.5	Environmental hazards	None known
14.6	Special precautions for user	None known
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	The product is not transported in bulk tankers.

SECTION 15: REGULATORY INFORMATION		
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	Restrictions on use: Not Known Reference Section 4 and Section 8 for first aid measures and exposure controls. This product is registered with the U.S. EPA under EPA Reg. No. 36638-46

SECTION 16: OTHER INFORMATION	
<p>Disclaimer: All information contained in this Safety Data Sheet is furnished free of charge and is intended for your evaluation. In our opinion, the information is, as of the date of this Safety Data Sheet, reliable. However, it is your responsibility to determine the suitability of the information for your use. You are advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional, or variable conditions or circumstances exist or because of applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information gathered by you, and you must make independent determinations of the suitability in completeness of the information from all sources to assure both proper use of the material described herein and the safety and health of employees.</p> <p>Prepared by: Scentry Biologicals, Inc.</p>	