

	SAFETY DATA SHEET (SDS) NEMADER	
		Edition 1-00
		Page 1 of 7

SECTION 1. PRODUCT AND MANUFACTURER IDENTIFICATION

1.1 Product Identification

Trade Name: NEMADER
Name of the Active Ingredient: *Paecilomyces lilacinus*

1.2 Identified uses of the substance or mixture

Use: Nematicide for agricultural use only

1.3 Supplier or manufacturer data:

Company: AGRICULTURA NACIONAL, S.A. DE C.V.
 Av. Periférico Sur 3325, Piso 3, Col San Jerónimo
 Lídice, 10210 La Magdalena Contreras, CDMX
 Phone no.: (55) 5089-1500 or 01-800-0211-568

24-hour transport emergency telephone number (ANIQ-SETIQ): 800-00-214-00
 (55) 55-59-15-88

Poison Care Center (ATOX): 800 000 ATOX (2869).

SECTION 2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to NOM-018-STPS-2015.

Does not meet the requirements to be classified in the GHS.

2.2 GHS label elements, including precautionary phrases:

Labeling in accordance with NOM-018-STPS-2015.

Hazard-determining components for labeling:

Symbol(s).

No pictogram

Hazard statements

H303 May be harmful if swallowed
 H313 May be harmful if in contact with skin
 H333 May be harmful if inhaled

Cautionary advice

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	SAFETY DATA SHEET (SDS) NEMADER	
		Edition 1-00
		Page 2 of 7

P312

Call a POISON CONTROL CENTER or physician if you feel unwell.

2.3 Other hazards not contributing to the classification.

No hazards identified

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

Type of formulation

Wettable powder

Active ingredient

Paecilomyces lilacinus

Componentes de la formulación

NAME	CAS No.	CONCENTRATION
<i>Paecilomyces lilacinus</i>	N/D	6.53% equivalent to 65.3 g/kg

Other information.

No information available.

N/D: Not Available

SECTION 4. FIRST AID

4.1 Description of first aid

Inhalation

Move the person to a cool and ventilated area to help them breathe easier.

Contact with the skin

Wash the affected area with soap and clean water and remove contaminated clothing from the intoxicated person.

Contact with the eyes

Wash for at least 15 minutes with clean water.

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	SAFETY DATA SHEET (SDS) NEMADER	
		Edition 1-00
		Page 3 of 7

Ingestion Drink plenty of water to dilute the product; do not induce vomiting.

4.2 Main acute and chronic symptoms and effects

Signs and Symptoms

Eyes: Mild irritation through direct contact.
Skin: Mild irritation from prolonged exposure.
Inhalation: Transient irritation from prolonged exposure.
Ingestion: May cause stomach upset and vomiting.
Carcinogenic effects: No carcinogenic effects.
Aggravated by overexposure: May cause hypersensitivity.

4.3 Instructions for any medical care and special treatment to be administered immediately.

Antidote and treatment No specific antidote is known, provide symptomatic treatment.

SECCIÓN 5. FIRE SAFETY MEASURES

5.1 Extinguishing agents.

Adequate Not flammable

5.2 Specific hazards arising from the substance or mixture

No known hazardous components

5.3 Recommendations for firefighters

Special protective equipment for firefighting personnel Not applicable

Additional information for firefighters No additional information.

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	SAFETY DATA SHEET (SDS) NEMADER	
		Edition 1-00
		Page 4 of 7

SECTION 6. CONTROL MEASURES IN CASE OF ACCIDENTAL SPILLS OR LEAKS.

6.1 Personal precautions, protective equipment and emergency procedures

Safe handling precautions

Wear safety glasses. Use appropriate personal protective equipment (full coverall). Use neoprene gloves and face masks.

6.2 Environmental precautions

Avoid contamination of water bodies.

6.3 Containment and cleaning methods and materials

Cleaning methods

Add sawdust or soil over the spilled dust, mix well and collect for containment.

SECTION 7. HANDLING AND STORAGE

7.1 Safe handling precautions

Safe handling recommendations

Avoid contact with the eyes and skin.

7.2 Conditions for safe storage, including possible incompatibilities

Technical requirements for storerooms and containers

Do not expose the product to temperatures above 50°C.

Information for joint storage

Do not mix with pesticides, surfactants and/or fertilizers without running previous tests to prove compatibility.

SECTION 8. EXPOSURE CONTROLS/INDIVIDUAL PROTECTION

8.1 Control parameters

Contains no substances with known exposure limit values.

8.2 Exposure controls Personal protection

In normal usage and handling conditions refer to the instructions on the label and/or package label. In all other cases the following recommendations should be applied.

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	SAFETY DATA SHEET (SDS) NEMADER	
		Edition 1-00
		Page 5 of 7

Respiratory protection	Use face masks.
Protection for the hands	Use neoprene gloves.
Protection of the eyes	Wear safety glasses or goggles.
Skin and body protection	Wear long-sleeved coveralls.
General protective and hygienic measures	Shower and wash after working with the product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Essential physical and chemical properties

Shape	Fine powder
Color	Brown
Odor	Characteristic
pH	No information available
Vapour pressure	No information available
Relative density	No information available
Solubility in water	No information available
Flash point	182°C
Viscosity	No information available

9.2 Other information

No further information is available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	Stable.
10.2 Chemical stability	Stable under normal conditions of use and storage.
10.3 Possibility of hazardous reactions	No dangerous reactions known.
10.4 Conditions to avoid	Temperatures above 50°C.
10.5 Incompatible materials	Other fungicides, pesticides may affect the product as it is a live microorganism.
10.6 Hazardous decomposition products	No information available.

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	SAFETY DATA SHEET (SDS) NEMADER	
		Edition 1-00
		Page 6 of 7

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity	No information available
Acute inhalation toxicity	No information available
Acute dermal toxicity	No information available
Skin irritation (rabbit)	No information available
Eye irritation (rabbit)	No information available
Sensitization (guinea pig)	No information available

Chronic Toxicity/Effects

Symptoms	Review section 4
Carcinogenicity	No known carcinogenic effects.
Mutagenicity	Not known to cause mutagenic effects No
Neurological effects	neurological effects.
Reproductive Toxicity	No harmful reproductive effects

SECTION 12. ECOTOXICOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	Not expected to cause harm to fish.
Toxicity to invertebrates	Not expected to cause harm to aquatic invertebrates.
Toxicity to aquatic plants	Not expected to cause harm to aquatic plants

12.2 Persistence and degradability

Biodegradability	Biodegradable
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12.3 Bio-accumulative Potential

Bioaccumulation	Does not bioaccumulate
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12.4 Mobility in soil

Mobility in soil	No information available
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12.5 Other adverse effects

Additional ecological information	No further relevant information about the product is available
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SECTION 13. DISPOSAL INFORMATION

13.1 Disposal of the substance (waste):

Dispose of contents/container in accordance with local regulations. Triple wash the empty container and pour the resulting rinse water into the tank or container used to prepare the application mixture. Handle the empty container and product residues in accordance with the General Law for the Prevention and Integral

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	SAFETY DATA SHEET (SDS) NEMADER	
		Edition 1-00
		Page 7 of 7

Management of Waste, its regulations or the management plan for empty pesticide containers, registered with SEMARNAT

SECTION 14. TRANSPORTATION INFORMATION

In accordance with NOM-002-SCT/2011

14.1 UN Number	Not regulated as a hazardous product.
14.2 Official Transport Designation of the United Nations	N/A
14.3 Transport hazard class(es)	Land Transport DOT: This product is not classified as hazardous for transport. Maritime Transport IMDG: This product is not classified as dangerous for transport. Air Transport ICAO/IATA: This product is not classified as hazardous for transport.
14.4 Packing group	N/A
14.5 Environmentally hazardous marking	Not considered a hazardous product.
14.6 Hazard identification number.	N/A
N/A: Not Applicable N/D: Not Available	

SECTION 15. REGULATORY INFORMATION (MEXICO)

NOM-010-STPS-2014, Chemical pollutants in the work environment-recognition, evaluation and control.
 NOM-018-STPS-2015, Harmonized system for the identification and communication of hazards and risks from hazardous chemicals in the workplace.
 NOM-232-SSA1-2009, Pesticides: Establishing the requirements for packaging, packing and labeling of technical grade products for agricultural, forestry, livestock, gardening, urban, industrial and domestic use.
 NOM-002-SCT/2011: List of most commonly transported hazardous substances and materials.

SECTION 16. OTHER INFORMATION

Text of the hazard statements mentioned in Section 2

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