

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006



Product name : **nema-green®**  
Revised on : 24.11.2022  
Version number : 6

Replaces version number : 5

## PART 1: Identification of the substance or mixture and the company

### 1.1 Product identifier

Organism/Trade name: *Heterorhabditis bacteriophora* | **nema-green®**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

#### Relevant identified uses

Biological insecticide, plant protection

#### Uses advised against

Any other use.

### 1.3 Details of the supplier providing the safety data sheet supplier

e-nema GmbH, Klausdorfer Str. 28-36, 24223 Schwentinental, Germany

#### Telephone / fax / e-mail

/+49 4307 8295-0 / E-Mail: info@e-nema.de

### 1.4 Emergency number

## SECTION 2: Hazards Identification

### 2.1 Classification of the substance or mixture

According regulation Nr. 1272/2008/EG:  
None

According directives 67/548/EG and 1999/45/EG:  
None

According directive 1907/2006/EG  
None

### 2.2 Label elements

#### Regulation (EC) No. 1272/2008

##### Product pictogram(s) and signal word

none

##### Hazardous component(s) for labeling (product identifier (s))

none

##### Hazard statements

none

##### Precautionary statements

P102 Keep out of reach of children.  
P261 Avoid breathing dust/fume/ gas/mist/vapours/spray.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/

##### Additional labeling

none

### 2.3 Other dangers

Organisms can potentially cause allergic reactions.

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**SECTION 3 : Composition / information on ingredients**

**Organism:** *Heterorhabditis bacteriophora*  
**3.1 EG-No.:** not applicable for living organisms  
**CAS-No.:** not applicable for living organisms  
**Other means of identification:** Entomopathogenic nematode

**3.2 mixtures**

**Composition / information on ingredients**  
contains no admixtures with labelling obligation

**SECTION 4: First Aid Measures**

**4.1 Description of first aid measures**

**After inhalation:**

In case of massive inhalation: Move the affected person outside the danger zone. Contact a doctor.

**After skin contact:**

Clean with water and soap.

**After eye contact:**

Flush eye for 10 minutes with water. In case of persistent eye irritation contact a doctor.

**After swallowing:**

Flush mouth with water several times and spit it out. Drink two cups of water afterwards. No further measures are necessary.

**4.2 Most important symptoms and effects, both acute and delayed**

none

**4.3 Indications of immediate medical attention or special treatment**

none

**SECTION 5: Fire-fighting measures**

**5.1 extinguishing agent**

**Suitable extinguishing media**

all fire extinguishing media are appropriate.

**Unsuitable extinguishing media**

unknown

**5.2 Special hazards arising from the substance or mixture**

none

**5.3 Advice for fire fighting**

none

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

none

**6.2 Environmental protection measures**

none

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## 6.3 Methods and material for containment and cleaning up

Wear dust mask, eye protection, cloves. Clean contaminated area mechanical and/or with water.

## 6.4 Reference to other sections

13. Disposal consideration

## SECTION 7: handling and storage

### 7.1 Precautions for safe handling

#### advice for safe handling

##### Protective measures

don't eat or drink when handling the product

##### Advice on general occupational hygiene

wash hands after handling the product

##### Advice on safe handling

wear dust mask, eye protection, cloves

##### Information about fire and explosion protection

none

### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and containers

none

### 7.3 Specific End Uses

none

## SECTION 8: Exposure controls/personal protection

### 8.1 Parameters to monitor

none

### 8.2 Exposure controls / personal protective equipment

#### Appropriate technical control devices

none

#### Body protection

wear appropriate protective clothing.

#### Eye protection

wear eye protection. EN 166

#### Hand protection

wear protective gloves

#### Respiratory protection

in case of insufficient ventilation, wear suitable respiratory equipment.

#### Hygiene measures

Don't eat or drink when handling the product. Avoid contact with eyes and skin. Avoid breathing vapor. All exposed areas of the body must be washed.

#### Limitation and monitoring of environmental exposure

none

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## SECTION 9: physical and chemical properties

### 9.1 Information on basic physical and chemical properties

	parameter	remark
a)	physical state	solid, powder
b)	colour	ochre
c)	Odor	wet clay
d)	Melting Point/Freezing Point	n.d.
e)	Boiling point or initial boiling point and boiling range	n.d.
f)	flammability	n.d.
G)	lower explosion limit upper explosive limit	n.d.
H)	flash point	n.d.
i)	ignition temperature	n.d.
j)	decomposition temperature	n.d.
k)	PH value	6-8 (100 g/l water, 20°C)
l)	Kinematic viscosity	n.d.
m)	solubility	n.a.
n)	n - octanol /water (log value)	n.a.
O)	vapor pressure	n.a.
p)	density and/or relative density	n.d.
q)	Relative Vapor Density	n.a.
r)	particle properties	n.d.

\* Values refer to n.d. = not determined n.a. = not applicable

### 9.2 Other Information

none

## SECTION 10: Stability and Reactivity

### 10.1 reactivity

n.a.

### 10.2 Chemical Stability

n.a.

### 10.3 Possibility of hazardous reactions

n.a.

### 10.4 Conditions to avoid

n.a.

### 10.5 Incompatible materials

n.a.

### 10.6 Hazardous decomposition products

n.a.

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**SECTION 11: Toxicological information**

**11.1 Information on hazard classes within the meaning of Regulation (EC) No. 1272/2008**

**acute toxicity**

n.a.

**Skin corrosion/irritation**

n.a.

**Serious eye damage/irritation**

n.a.

**Respiratory or skin sensitization**

n.a.

**germ cell mutagenicity**

n.a.

**carcinogenicity**

n.a.

**reproductive toxicity**

n.a.

**Specific target organ toxicity - single exposure**

n.a.

**Specific target organ toxicity - repeated exposure**

n.a.

**aspiration hazard**

n.a.

**11.2 Information about other hazards**

n.a.

**11.2.1 Endocrine Disruptive Properties**

n.a.

**11.2.2 Other information**

mouse: orally - no pathology

**SECTION 12: Environmental Information**

**12.1 toxicity**

n.a.

**12.2 Persistence and degradability**

n.a.

**12.3 bioaccumulative potential**

n.a.

**12.4 mobility in soil**

n.a.

**12.5 Results of PBT and vPvB assessment**

n.a.

**12.6 Endocrine disrupting properties**

n.a.

**12.7 Other harmful effects**

none

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## SECTION 13: Disposal instructions

### 13.1 Waste treatment methods

**waste key** 16 03 04, 16 03 06

**Product:**

**Uncleaned packaging:**

general trash

**Clean packaging**

packaging waste

## SECTION 14: Transport information

### 14.1 UN number or ID number

none

### 14.2 UN proper shipping name

**ADR/RID**

none

**IMDG Code / ICAO-TI / IATA-DGR**

none

### 14.3 transport hazard classes

**ADR / RID / IMDG Code / ICAO-TI / IATA-DGR**

none

### 14.4 packing group

none

### 14.5 environmental hazards

**Sign of environmentally hazardous substances**

ADR/ RID / IMDG code  yes /  no

ICAO-TI / IATA-DGR:  yes /  no

### 14.6 Special precautions for user

see sections 6 - 8

### 14.7 Bulk transport by sea according to IMO instruments

none

## SECTION 15: legislation

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU regulations**

none

### 15.2 chemical safety assessment

n.a.

## SECTION 16: Other Information

### Changes from the last version

Adaptation to Regulation (EU) 2020/878

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**List of hazard statements not written out in full in Sections 2 through 15**

none

**training notes**

none

**Annex with exposure scenarios**

n.a.