

according to regulation Nr. 1907/2006/EG  
(amended by regulation regulation  
Nr. 453/2010/EG)

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Bionema Limited, Swansea University,  
Singleton Park, Swansea, SA2 8PP

### 1. Identification of the substance/mixture and of the company

#### 1.1 Product identifier

Substance /Trade name:

*Steinerinema feltiae*

EG-No.: not applicable for living organisms

CAS-No.: not applicable for living organisms

Other means of identification:

Entomopathogenic nematode

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

Biological plant protection agent, insecticide

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

Bionema Limited

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#### 1.4 Emergency contact

The product doesn't contain any harmful substances

### 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

### 3. Composition/information on ingredients

#### 3.1 Substances

Active ingredient

Name:

*Steinerinema carpocapse* (living organism,  
entomopathogenic nematode)

EG-Nr.: Not available for living organisms

CAS-Nr.: Not available for living organisms

Stabilisers, hazard impurities:

Contains no admixtures with labelling obligation

#### 3.2 Mixtures

Not a mixture of active ingredients

### 4. First aid measures

#### 4.1 Description of first aid measures

Following inhalation:

Only in case of massive inhalation:

Move the affected person outside the danger zone.

Contact a doctor.

Following skin contact:

Clean with water and soap.

Following eye contact:

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

Following ingestion:

Flush mouth with water several times and spit it out.

Drink two cups of water afterwards. No further aid measures are necessary.

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

Irritation of the respiratory system and eyes.

#### 4.3 Indication of any immediate medical attention and special treatment needed

None

### 5. Fire-fighting measures

#### 5.1 Extinguishing media:

All fire extinguishing media are appropriate.

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

None

#### 5.3 Advice for fire-fighters :

No special advises

### 6. Accidental release measure

#### 6.1 Personal precautions, protective equipment and emergency procedures:

None

#### 6.2 Environmental precautions:

None

#### 6.3 Methods and material for containment and cleaning up:

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

#### 6.4 Reference to other sections:

13. Disposal consideration

### 7. Handling and storage

#### 7.1 Precautions 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.	9.2 <b>Other safety information</b> None
Advice on safe handling: Wear dusk mask, eye protection, gloves.	
Fire preventions: None	
Aerosol and dust generation preventions: None	
Environmental precautions: None	
<b>7.2 Conditions for safe storage, including any incompatibilities:</b>	
Technical measures and storage conditions: Store in the dark at 4-10°C. Don't freeze. Don't expose to sunlight.	
Hints on storage assembly: None. Opened bags should be used up.	
Storage class: 13	
<b>7.3 Specific end uses</b>	
None	
<b>8. Exposure controls/personal protection</b>	
<b>8.1 Control parameters:</b>	
None	
<b>8.2 Exposure controls</b>	
<b>8.2.1 Appropriate engineering controls</b>	
Not applicable	
<b>8.2.2 Personal protective equipment:</b>	
<b>Eyes / face:</b> Protective glasses	
<b>Skin protection:</b> Gloves	
<b>Respiratory protection:</b> Dust mask	
<b>9. Physical and chemical properties</b>	
<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Powder
- Physical state:	
- Colour:	Ochre
Odor:	Wet clay
Odour threshold:	Unknown
Density:	Unknown
pH:	7-8 (100 g/l water, 20°C)
Oxidising compounds:	None
Freezing point:	0°C/-1°C (product contains water)
Boiling point:	100 °C (product contains water)
Flashpoint:	Unknown
Ignition temperature	Unknown
Explosive compounds:	None
Vapour pressure, density:	Not applicable
Solubility n-octanol/water:	Not applicable
Viscosity:	Not applicable

<b>10. Chemical stability and reactivity</b>
Not applicable
<b>11. Toxicological information</b>
<b>11.1 Information on toxicological effects</b>
Acute toxicity: Not toxic, > 5g/kg (Maus, oral)
Skin corrosion/irritation: None
Serious eye damage/irritation: None
Irritation to respiratory tract: Unknown
Carcinogenicity/mutagenicity: Not applicable
<b>12. Ecological information</b>
<b>12.1 Toxicity for non-target organisms</b>
Not toxic or pathogenic against birds, reptiles, amphibians, fish, bees or earthworms. Side-effects are limited to soil born insects.
<b>12.2 Persistence and degradability:</b>
Not applicable
<b>12.3 Bioaccumulative potential:</b>
Not applicable
<b>12.4 Mobility in the soil:</b>
Not applicable
<b>12.5 Results of PBT and vPvB assessment:</b>
Not applicable
<b>12.6 Other adverse effect:</b>
Unknown
<b>13. Disposal consideration</b>
<b>13.1 Waste treatment methods:</b>
Product /Packaging disposal: General trash / packaging waste
Waste codes / waste designations according to EWC /AWV: 16 03 04, 16 03 06
<b>14. Transport information</b>
<b>14.1-3 UN-numbers (land, sea, air)</b>
No hazardous material as defined in the transportation directives
ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: None
Marine Pollutant: No
Packing group: None
<b>14.4 Transport in bulk according to Annex II of MARPOL 7 3/78 and the IBC Code:</b>
No hazardous material as defined in the transportation directives