1 IDENTIFICATION OF SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product details

Trade name: ENTONEM

Application of the preparation: Insect pathogenic nematode

Supplier: Koppert B.V.
Veilingweg 14
2651 BE Berkel en Rodenrijs

Telephone: +31 (0)10-5140444
Fax: +31 (0)10-5115203
E-mail: info@koppert.nl
Website: www.koppert.com

Information: Marketing/Product management

Anti poisoning Centre Emergency info: +31 (0)30-2748888
(Only for use by a Doctor in obtaining information by accidental poisoning)

2 HAZARDS IDENTIFICATION

Hazard designation: No classification

Information pertaining to particular dangers for man and environment: Not applicable

Classification System: Nematodes are out of the scope of classification

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Not Applicable

Description: Formulation of larvae from the insect Parasitic nematode Steinernema with inert carrier

Components: Nematode larvae, inert carrier

Additional information: Contains no hazardous chemical substances present on Annex I of Directive 67/548/EC on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances
### 4 FIRST AID MEASURES

**General:**
General instructions are not necessary.

**Inhalation:**
Not applicable

**If the product has come into contact with the skin:**
Wash affected area with water and soap.

**If the product has come into contact with the eyes:**
Rinse the eyes with lukewarm water, with eyelid opened. (15 min.) under running water. If symptoms persist consult doctor

**If the product is ingested:**
May cause gastrointestinal tract

### 5 FIRE FIGHTING MEASURES

**Suitable extinguishing agents:**
CO₂, Foam, Dry Chemical, water fog

**Protective clothing:**
No special procedures required besides standard fire fighting procedures

**Additional information:**
The product itself is non-combustible

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautionary measures:**
Wear protective clothes

**Cleaning/picking-up method:**
Ensure adequate ventilation
Collect mechanically
Dilute with much water

**Environmental protection:**
Inform respective authorities in case product reaches water or sewage system
7  **HANDLING AND STORAGE**

**Handling:**

Prevent formation of dust. Keep away from heat and direct sunlight. No special measures required

**Storage:**

Store dry in well closed containers. Suitable storage temperature 2-6 °C. Do not freeze. Keep out of sunlight. Do not store open trays. Store away from foodstuffs. Keep container tightly sealed.

8  **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Additional information about design of technical systems:**

No further date; see item 7.

**General protective and hygienic measures:**

The usual precautionary measures should be adhered to general rules for handling chemicals. Wash hands during breaks and at the end of the work. Avoid contact with eyes and skin. Do not inhale dust.

9  **PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

Solid

**Shape:**

Powder

**Colour:**

Grey

**Odor:**

Cellar like

**Self-Inflammability:**

Product is not self igniting

**Danger of explosion:**

Product is not explosive

**Density at 20°C:**

Data not available

**Solubility in/ Miscibility with water:**

99%

**pH value (10 g/l) at 20°C:**

7.5-8.0
10 **STABILITY AND REACTIVITY**

- **Conditions to be avoided:** Stable during 5 weeks under recommended use and storage conditions.

- **Materials to be avoided:** Oxidizing agents

- **Dangerous reaction:** No dangerous reactions known

- **Hazardous decomposition products:** No dangerous decomposition products known

11 **TOXICOLOGICAL INFORMATION**

- **Acute toxicity:** Data not available

- **Primary irritant effect on the skin:** Data not available

- **Eyes:** Data not available

- **Sensitization:** Data not available

- **Additional toxicological information:** The product (nematode larvae and inert carrier) is not considered to be toxic.

12 **ECOLOGICAL INFORMATION**

- **Information about elimination (persistence and degradability)**

  - **Other information:** Not applicable

  - **Behaviour in environmental systems, mobility and biocaccumulation potential:** Not applicable

  - **Ecotoxicological effects**

    - **Remark:** *Steinernema* spp. are nematodes restricted to soil and parasitic to subterranean Coleoptera, Diptera, Lepidoptera and Orthoptera.

    - **General notes:** At present no ecotoxicological assessments are known.
13 DISPOSAL CONSIDERATIONS

Recommendation: Remove according to local authority recommendations, e.g. convey to a licensed incinerator.

European waste catalogue: Not applicable
Uncleaned packaging's recommendation: Disposal must be made in accordance to official regulations. Packaging’s that cannot be cleaned are to be disposed of in the same manner as the product.

14 TRANSPORT INFORMATION

Not dangerous for transport according to ADR/RID (road transport), IMDG (sea transport) and IATA/ICAO (air transport)

15 REGULATORY INFORMATION

Designation according to EC guidelines: Not applicable
Code letter and hazard designation of product: Not applicable
Symbol(s): None
R(isk) phrase(s): None
S(afety) phrase(s): None
National regulations: -
Other regulation, limitations and prohibitive regulations: -

16 OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process.
This document contains important information regarding a safe disposal, handling and use of this product. The information should be brought to the attention of the health / safety / environment-consultant of your organisation. The information from this document should be announced to anyone working with this product. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains to the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.