



NEMGUARD GRANULES

SAFETY DATA SHEET

according to Regulation (EU) No. 453/2010

Issue date: 04.11.2015

Rev. No. 0 of 04.11.2015

CBC (Europe) S.r.l.
via Majorana 2
20834 Nova Milanese (MB) - Italy
☎ (+39) 035-335313
✉ (+39) 035-335334

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: **NEMGUARD GRANULES**
Typology: Mixture

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

Granular nematocide (GR) for soil application, containing garlic extract.

1.3. Details of the supplier of the safety data sheet

Company name: **CBC (Europe) S.r.l.**
Address: Via E. Majorana 2 - 20834 Nova Milanese (MB) - Italy
Telephone: (+39) 035-335313
Fax: (+39) 035-335334
E-mail: infobiogard@cbceurope.it

1.4. Emergency telephone number

Company number: (+39) 035-335313
National center for toxicological information: (+39) 02-66101029 Centro Antiveleni Milano

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Product is not classified as dangerous according to Regulation (EC) No. 1272/2008 (CLP).

Classification according to Regulation (EU) 1272/2008 (CLP)

Not classified.

2.2. Label elements

Labelling according to Regulation (EC) 1272/2008 (CLP)

| | | |
|-----------------------------------|--------|---|
| Hazard pictogram(s): | // | |
| Signal word(s) | // | |
| Hazard statement(s): | // | |
| Precautionary statement(s): | P102 | Keep out of reach of children. |
| | P270 | Do not eat, drink or smoke when using this product. |
| | P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| | P405 | Store locked up. |
| <u>Supplementary statement(s)</u> | EUH210 | Safety data sheet available on request. |
| | EUH401 | To avoid risks to human health and the environment, comply with the instructions for use. |
| | SP1 | Do not contaminate water with the product or its container. |

2.3. Other hazards

The properties of the mixture do not meet the specific criteria detailed in Annex XIII of Regulation (EC) No. 1907/2006 or do not allow a direct comparison with all the criteria in Annex XIII, but nevertheless indicate that the mixture would not have PBT/vPvB properties so the substance is not considered a PBT/vPvB.

SECTION 3: Composition/information on Ingredients

3.1. Substances

Not relevant.

3.2. Mixtures

NEMguard Granules are composed of non-hazardous materials.

No. CAS: -
No. EC: -
No. INDEX: -



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No. CIPAC -
N° REACH registration: -
Classification Directive 1967/584/CEE: -
Classification Regulation EC 1272/2008 (CLP): -

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact: Rinse thoroughly with water.
Skin contact: Wash skin with soap and water.
Inhalation: Remove individual to fresh air.
Ingestion: Drink copious amounts of water.

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

For information related to symptoms and effects caused by the product, refer to SECTION 2 and to SECTION 11.

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

If poisoning is suspected, immediately contact a physician, the nearest hospital, or the nearest poison Control Center. Tell the person contacted the complete product name, and the type and amount of exposure. Describe any symptoms and follow any advice given.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: water, CO₂, dry powder.
Unsuitable extinguishing media: none specified.

5.2. Special hazards arising from the substance or mixture

Carbon dioxide, carbon monoxide, sulphides, smoke.

5.3. Advice for firefighters

In the event of fire wear self-contained breathing Apparatus (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing (coveralls), suitable protective gloves when handling the product.

6.2. Environmental precautions

Contain spillage. Cover with sand and dispose of safely.

6.3. Methods and material for containment and cleaning up

Do not use water jet as the primary means of clean up as contaminated surfaces can become very slippery as the product breaks up.

6.4. Reference to other sections

Refer Section 13 for disposal information. No dangerous substances are released.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Store product in original container or packaging at cool/ambient temperature.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from direct sunlight.

7.3. Specific end use(s)

Not specified.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limits have been established for the product.

8.2. Exposure controls

Always wear suitably approved protective clothing when handling product. Face and hand protection.

Engineering controls: //

| | |
|----------------------------------|---|
| Eye/face protection: | Use goggles. Avoid contact with eyes. |
| Skin/hand protection: | Use gloves. Avoid contact with open wounds. |
| Respiratory protection: | Use of dust mask recommended. |
| Environmental exposure controls: | Keep away from foodstuffs, beverages and feed. Do not eat or drink while working. Wash thoroughly after exposure. Remove contaminated clothing and wash before reuse. |

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|--|--|
| a) Appearance: | Pale brown granule. |
| b) Odour: | Garlic. |
| c) Odour threshold: | Not available. |
| d) pH: | 6.19 (CIPAC MT 75.3). |
| e) Melting point/freezing point: | Not available. |
| f) Initial boiling point and boiling range: | Not requested. |
| g) Flash point: | The product does not ignite under direct heat (EEC A10). |
| h) Evaporation rate: | Not available. |
| i) Flammability (solid, gas): | The product does not ignite under direct heat (EEC A10). |
| j) Upper/lower flammability or explosive limits: | Not available. |
| k) Vapour pressure: | Not available. |
| l) Vapour density: | Not available. |
| m) Relative density: | 0.65 – 0.68 kg/l (CIPAC MT 159). |
| n) Solubility(ies): | Not available. |
| o) Partition coefficient: n-octanol/water: | Not available. |
| p) Auto-ignition temperature: | 295.2 °C (EEC A16). |
| q) Decomposition temperature: | Not available. |
| r) Viscosity: | Not request. |
| s) Explosive properties: | No explosive properties (ASTM E537-02). |
| t) Oxidising properties: | No oxidising properties (EEC A17). |

9.2. Other information

Not available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Not considered chemically reactive.

10.2. Chemical stability

Stable under normal ambient conditions and under the anticipated conditions of use.

10.3. Possibility of hazardous reactions

No particular risks of hazardous reactions under normal conditions.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**a) Acute toxicity

| | |
|------------|----|
| oral | // |
| dermal | // |
| inhalation | // |

No product classification required.

b) Irritation

Irritating for skin.

Product classification required (DPD).

c) Corrosivity

No corrosive effect known.

No product classification required.

d) Sensitisation

No sensitising effect known.

No product classification required.

e) Repeated dose toxicity

No toxic effects at repeated dose known.

No product classification required.

f) Carcinogenicity

No carcinogenic effect known.

No product classification required.

g) Mutagenicity

No mutagenic effect known.

No product classification required.

h) Toxicity for reproduction

No toxic effect for reproduction known.

No product classification required.

SECTION 12: Ecological information

12.1. Ecological information

No toxic effects to aquatic organisms known

No product classification required.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No PBT and vPvB assessment is carried out for the product.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product which is not used should be disposed of in accordance with all local regulations for the treatment of not toxic products. The product can be disposed of in a waste facility or in a landfill. If local and state regulations permit, the unused product can be incinerated.

Empty containers can have residues and are subject to proper waste disposal. Do not reuse as a container.

SECTION 14: Transport information

Product is not classified as hazardous in accordance with the provisions of the current legislation governing the transport of dangerous goods by road (ADR), by Rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

No substance-specific regulations apply.

Labelling according to EU guidelines: the product has been classified and labelled in accordance with EU Directives/Ordinances on Hazardous Materials.

Code letter and designation of product: not classified (CLP).

Mixture evaluated according to Regulation (EC) 1107/2009.

Cyprian registration: No. 3173 dated 23/10/2015.

15.2. Chemical safety assessment

No chemical safety assessment according to article 14 of Regulation (EC) 1907/2006 has been done. The active substances of the mixture are considered to be registered under REACH according to article 15 of Regulation (EC) 1907/2006.

SECTION 16: Other information

Full text of hazard phrases (H) mentioned in SECTION 2 and SECTION 3:

// //

Key literature references and sources for data:

- Directive 1967/548/CEE (and subsequent amendments and modification)
- Directive 1999/45/CE (and subsequent amendments and modification)
- Regulation EC No. 1272/2008 (CLP) (and subsequent amendments and modification)
- Regulation EC No. 1907/2006 (REACH) (and subsequent amendments and modification)

Remarks:

The information in this security information sheet corresponds to the current situation of our knowledge, but we do not assume any responsibility for it. The users must consider this information only as a complement to other information obtained by themselves and must carry out independent tests of suitability and completeness of the information in order to ensure the proper use and the elimination of these materials, as well as the security and health of employees, customers, and protection of the environment.