

SECTION 1. IDENTIFICATION OF THE CHEMICAL PRODUCT OF THE COMPANY / ENTERPRISE

1.1 Product identifier

Product name: GroGreen M-STOP

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

Relevant identified uses: Fertiliser for the care of lawns.

1.3 Details of the supplier of the safety data sheet

Supplier:

E. Marker A/S

Okslundvej 8, Bov

DK-6330 Padborg

Tel.: (+45) 7467 0808

Fax: +45 7467 0890

E-mail: info@emarker.dk

1.4 Emergency telephone number

Poison Control Hotline:

Tel.: (+45) 8212 1212

www: <http://www.bispebjerghospital.dk/giftinjen/forside/>

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product's contents are not considered to be harmful.

2.2 Label elements

No relevant label elements.

2.3 Other hazards

No other known hazards.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

The product is extracted from ground peanut shells, ammonium sulphate and vegetable oils, including castor oil (CAS no. 8001-79-4), citronella oil (CAS no. 8000-29-1) and garlic oil (CAS no. 8000-78-0).

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact: Rinse with water for 10 to 15 minutes. Seek medical attention if irritation develops or persists.

Skin contact: Wash with soap and water. Seek medical attention if irritation develops or persists.

Ingestion: Dilute with water or milk. Do NOT try to provoke vomiting. Seek medical attention immediately.

Inhalation: Move the person into the fresh air.

4.2 Most important symptoms and effects, both acute and delayed

Possible eye or skin irritation, irritation of the digestive or respiratory organs.

4.3 Indication of any immediate medical attention and special treatment needed

No known special treatments.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing agents

Appropriate extinguishing agents: Foam, powder or CO₂.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: May emit oxides of carbon and nitrogen in combustion. Garlic oil produces carbon monoxide and/or carbon dioxide when burned.

5.3 Advice for firefighters

Containers exposed to flames should be cooled with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear gloves and safety glasses.

6.2 Environmental precautions

Spilled materials should be collected in order to prevent dispersal in the environment. The product should be kept away from lakes, watercourses and drains.

6.3 Methods and materials for containment and cleaning

Spillages should be collected with minimal dust generation. Waste should be disposed of in accordance with local requirements.

6.4 References to other sections

No references. All of the relevant information is given above.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Wash hands after handling the product. Do not eat, drink or smoke while handling the product. Contaminated clothing and any personal protective equipment must be removed before eating.

7.2 Conditions for safe storage, including any incompatibilities

The product should be stored in a cool, dry place, out of reach of children and animals.

7.3 Specific end use(s)

No further information.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No known control parameters.

8.2 Exposure controls

Personal protection: Gloves and safety glasses are recommended but not required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Solid brownish granules, 2-4 mm.

Odour: Lemon odour.
Odour threshold: Unknown.
pH value: Unknown.
Melting point: Unknown.
Initial boiling point and boiling range: Unknown.
Flashpoint: Unknown.
Evaporation rate: Unknown.
Flammability: Unknown.
Upper/lower flammability or explosive limits: Unknown.
Vapour pressure: Unknown.
Vapour density: Unknown.
Relative density: Unknown.
Solubility: Insoluble in water.
Partition coefficient (n-octanol/water): Not applicable.
Auto-ignition temperature: Unknown.
Decomposition temperature: Unknown.
Viscosity: Not applicable.
Explosive properties: Unknown.
Oxidising properties: Unknown.

9.2 Other information

No other information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No known hazards associated with reactivity.

10.2 Chemical stability

The product is stable under normal conditions of use.

10.3 Possibility of hazardous reactions

No known risk of hazardous reactions.

10.4 Conditions to avoid

No known conditions to avoid.

10.5 Incompatible materials

Incompatibility: Oxidising agents.

10.6 Hazardous decomposition products

Hazardous decomposition products: Oxides of carbon and nitrogen. Garlic oil produces carbon monoxide and/or carbon dioxide when burned.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The product is not expected to produce toxic effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The product is not expected to produce toxic effects.

12.2 Persistence and degradability

No information.

12.3 Bioaccumulative potential

No information.

12.4 Mobility in soil

No information.

12.5 Results of PBT and vPvB assessment

No information.

12.6 Other adverse effects

No information.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Containers should be completely empty before disposal. Waste should be disposed of in accordance with local requirements.

SECTION 14: TRANSPORT INFORMATION**14.1 UN number**

The product is not regulated.

14.2 UN proper shipping name

The product is not regulated.

14.3 Transport hazard class(es)

The product is not regulated.

14.4 Packing group

The product is not regulated.

14.5 Environmental hazards

The product is not regulated.

14.6 Special precautions for user

The product is not regulated.

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

The product is not regulated.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

There is no additional regulation of the product.

15.2 Chemical safety assessment

The supplier has not carried out a chemical safety assessment for this product.

SECTION 16: OTHER INFORMATION

No other information.