

MATERIAL SAFETY DATA SHEET

Revised:

August 2008

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acc. 1907/2006/EG, Article 31 (REACH)

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Delicia® Slug-Lentils®

Section 6 of the Health and Safety at Work Act Additional Product Safety Information

(This section does not form part of the product label under the Control of Pesticide Regulations 1986). The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has "off-label" approval or is otherwise permitted under the Control of Pesticides Regulations. The information on this label is based on the best available information including data from test results.

1. PRODUCT NAME AND COMPANY

1.1 Product Details

1.1.1 Trade name:

Delicia® Slug-Lentils®

1.1.2 Article number:

-

1.1.3 Use:

Molluscicide

1.2 Producer:

frunol delicia® GmbH

1.2.1 Address:

Main office:

Duebener Straße 145
04509 Delitzsch
Germany
Tel.: +49 (0)34202 / 65300
Fax: +49 (0)34202 / 65309

Branch office:

Hansastraße 74 b
59425 Unna
Germany
Tel.: +49 (0)2303 / 253600
Fax: +49 (0)2303 / 2536050

1.2.2 Distribution:

Barclay Chemicals Manufacturing Ltd.
Damastown Way, Damastown Industrial Park
Mulhuddart, Dublin 15, Ireland
Free phone UK: 0808 100 0200
Office UK: 01794 521 737
Free fax UK: 0800 328 1607
Email: info@barclay.ie
Web: www.barclay.ie

1.2.3 E-mail:

info@frunol-delicia.de

1.2.4 Informing department:

Lab department, Tel.: +49 (0)34202 / 65341

1.3 Emergency contact:

National Poisons Information Service: 0870 600 6266 (UK only)
Dublin: 00353 1 8379966
Advice for veterinary surgeons: 020 7635 9195 (UK only)

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2. POTENTIAL DANGERS

2.1 Danger designation:

None

2.2 Danger information for men and environment

2.2.1 R-phrases:

None

2.2.2 Additional advice:

None

2.3 Classification system:

The classification is based on the preparation principle 1999/45/EG, principle 67/548/EWG annex I as well as on the information of the raw material suppliers.

3. COMPOSITION / MARKS ABOUT THE INGREDIENTS

3.1 Chemical characteristics:

Molluscicide bait with Metaldehyde.

3.2 Ingredients

3.2.1	Dangerous ingredients:	Metaldehyde
3.2.2	CAS-No.:	108-62-3
3.2.3	EG-No.:	203-600-2
3.2.4	Danger symbol:	Xn
3.2.5	R-phrases*:	10-22
3.2.6	g/kg	30

* wording R-phrases see point 16.

4. FIRST AID

4.1 After inhalation:

Remove affected person to fresh air.

4.2 After skin contact:

After contact with skin, wash immediately with plenty of water and soap.

4.3 After eye contact:

In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

4.4 After swallowing:

If swallowed, seek medical advice immediately and show container or label.

4.5 Antidote:

No specific antidote.

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5. FIRE PROTECTION

5.1 Extinguishing media:

Water, foam, powder, CO₂

5.2 Special dangers by the agent, its combustion residues or formed gases:

Carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Protection equipment:

Chemical protective suit with self-contained breathing apparatus. In emergency cases wear respiratory mask with filter AB-P.

6. SPILL (UNWITTING) PROCEDURES

6.1 Environmental protective measures:

Do not discharge into drains, waterways or the environment.

6.2 Methods of absorption:

Sweep up and collect in suitable bin and dispose of as special waste.

7. HANDLING AND STORAGE

7.1 Handling

7.1.1 Secure handling:

To avoid risks to man and the environment the instructions for use should be followed. Apply in infested areas only and keep domestic animals out. Do not apply in heaps. Avoid all unnecessary contact with the product. Misuse may lead to damage to health.

7.2 Storage

7.2.1 Storage temperature:

Max. 30°C

7.2.2 Storage restrictions:

Keep only in the original container. Store dry and closed.

7.2.3 Storage advices with other products:

Do not store with food or feedstuff.

7.2.4 Additional advices:

Keep out of reach of children and animals.

8. LIMITS OF EXPOSITION AND PERSONAL PROTECTION

8.1 Personal protective equipment

8.1.1 General hygienic and protection measures:

None

8.1.2 Breath:

None

8.1.3 Hand:

Protective gloves

8.1.4 Eye:

None

8.1.5 Body:

None

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9. PHYSICAL AND CHEMICAL PROPERTIES
9.1 General statements

9.1.1 Form:	Lentils (3 mm diameter)
9.1.2 Dye:	Blue
9.1.3 Odor:	Product specific

9.2 Safety related statements

		<i>Method / remarks</i>
9.2.1 Density (20°C):	0.65 – 0.66 g/ml	Average
9.2.2 Solubility in water (20°C):	Nearly insoluble g/l	
9.2.3 Additional information:	Water content < 14%	

10. STABILITY AND REACTIVITY:
10.1 Hazardous decomposition products:

Acetaldehyde

10.2 Thermal instability:

> 80°C

10.3 Additional advices:

Metaldehyde sublimates at 115°C

11. TOXICOLOGICAL DATA
11.1 Acute toxicity:

 LD₅₀ (rat, oral) > 2,000 mg/kg body weight – calculated

11.2 Primary irritation
11.2.1 Skin:

Not irritating

11.2.2 Eye:

Not irritating

11.3 Sensitization:

Not known

12. ECOLOGICAL DATA
12.1 Elimination (persistence and degradation):

The product is easy to degrade biologically.

12.2 Ecotox effects
12.2.1 Aquatic toxicity:

Not toxic to fish and other aquatic organisms.

12.2.2 Toxicity to bees:

Not toxic to bees.

12.3 Mobility:

 Soil – moderately mobile. K_{OC} = 36 – 241 ml/g

12.4 Additional advices:

The product is tolerated by plants. The product is non-toxic to earthworms.

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13. ADVICES FOR REFUSE

13.1 Product:

Dispose of in accordance with national and regional regulations.

13.2 Uncleaned packages

Dispose of in accordance with national and regional regulations.

14. TRANSPORT REGULATIONS

*Land transport
(ADR/RID, GGVSE)*

*Sea transport
(IMDG, GGVSee)*

*Air transport
(IATA, ICAO)*

Not classified

Not classified

Not classified

15. REGULATIONS

15.1 Labeling by EC guidelines

15.1.1 Danger designation:

None

15.1.2 R-phrases:

None

15.1.3 S-phrases:

1/2-13-26-28-37-46 (wording see p. 16)

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16. ADDITIONAL INFORMATION

Handling / Application of the product in accordance with the instructions for use of the manufacturer only. Misuse may lead to damage to health. The product does not contain any components which are subject to the chemicals prohibition ordinance resp. excess impermissible coverage limits.

Reg.-No.: MAPP 13613

WORDING R-PHRASES / S-PHRASES

3. COMPOSITION / MARKS ABOUT THE INGREDIENTS

Dangerous ingred.:	Metaldehyde
R 10	Flammable
R 22	Harmful if swallowed

15.1 LABELING BY EC GUIDELINES (S-PHRASES)

S 1/2	Keep locked up and out of the reach of children
S 13	Keep away from food, drink and animal feeding stuffs
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S 28	After contact with skin, wash immediately with plenty of water and soap
S 37	Wear suitable gloves
S 46	If swallowed, seek medical advice immediately and show this container or label

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