

# MATERIAL SAFETY DATA SHEET

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Revision nr : 1

Date : 28/5/2010

**TRIGGER 3**

Supersedes : 0/0/0

**C0174-C0161-UK**

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## 1. Identification of the product and the company

**Name** : **TRIGGER 3.**  
Chemical description active ingredient(s) : Metaldehyde : 2,4,6,8-tetramethyl-1,3,5,7-tetraoxacyclo-octane (IUPAC)  
Chemical family : Aldehydes  
GCPF code : GB (Granular bait)  
Product identification : Pellets.  
Company identification : CERTIS UK  
1B Mills Way  
Boscombe Down Business Park  
Amesbury Wiltshire SP4 7RX United Kingdom  
Tel. +44 (0) 1980 676500 Fax +44 (0) 1980 626555  
E-mail: certis@certiseurope.co.uk

Use : Agriculture ( Molluscicide )  
Anti-poison center - Tel. : For advice on medical emergencies, fires, spillages or chemical hazards ONLY -  
phone 0870 190 6777.  
For further advice for medical professionals - The National Poisons Information  
Service: Tel: 0870 600 6266 (UK only) or Dublin Tel: 00353 1379 964/379966.  
For further advice for veterinary surgeons: 020 7635 9195.  
-

Print date : 30 / 5 / 2010

## 2. Hazards identification

Physical/chemical hazards : The data available does not support any physical or chemical hazard. This product is moderately combustible.  
Human health hazards : See chapter 4.  
Environmental hazard : The data available do not support environmental hazard.

## 3. Information on ingredients

Substance/preparation : Preparation  
Other information : See chapter 16 for full text of R phrases  
This product is considered not to be harmful but it contains a harmful component.  
Composition : Product contains a repellent against domestic animals.  
Below mentioned are the active ingredient(s) in the formulation as well as the classified component(s).

Substance name	Value(s)	CAS nr / EINECS nr / EC index	Symbol(s)	R-Phrase(s)
<u>Metaldehyde</u>	:	3 %	108-62-3 / 203-600-2 / 605-005-00-7	Xn 10-22

## 4. First aid measures

### Effects and symptoms

General : Can enter the body by ingestion or inhalation or (less) through the skin.  
Inhalation : Cough. Sore throat.  
Ingestion : Fever. Cramps. Stomach ache. Vomiting.  
Skin contact : May be irritating.  
Eye contact : Irritation. Redness. Pain.

### First-aid measures

First aid general : Treat symptomatically. If you feel unwell seek medical advice (show the label where possible).  
- Inhalation : Remove victim to fresh air. Allow the victim to rest. Seek medical attention if ill effect develops.  
- Ingestion : Wash out mouth with plenty of water. Allow the victim to rest. Never give anything by mouth to an unconscious person. Induce vomiting. Seek medical attention immediately.  
- Skin contact : Remove contaminated clothing. Wash skin with water. Seek medical attention if ill effect or irritation develops.  
- Eye contact : Rinse immediately with plenty of water. After 1 - 2 initial minutes remove contact lenses if present. Rinse again with abundant water. With the eyelid wide open for at

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## 4. First aid measures (continued)

- Protection of first aiders : least 15 minutes. Seek medical attention if ill effect or irritation develops.  
: Avoid exposure. Wear suitable protection. In case of insufficient ventilation, wear suitable respiratory equipment.
- Note to physician : This material may affect the nervous system.

## 5. Fire - fighting measures

- Extinguishing media : Dry chemical powder. Water. Foam. Carbon dioxide.
- Hazardous thermal (de)composition products : Burning may produce: toxic vapours/gases.  
See also Heading 10 (Stability and reactivity)
- Special procedures : Exercise caution when fighting any chemical fire. Do not discharge extinguishing waters into the environment.
- Protection of fire fighters : Wear suitable protective clothing. Self-contained breathing apparatus with full face shield. Fight fire from a safe distance and protected location.

## 6. Accidental release measures

- Personal precautions : Provide adequate ventilation. In the event of major spillage evacuate room. Wear suitable protection.
- Environmental precautions : Prevent dispersion. Prevent formation of clouds of dust. Collect spilled material. Prevent entry to sewers and public waters. Notify the authorities if product enters sewers or public waters. Make provisions to collect extinguishing water after fires.
- Methods for cleaning up : Prevent dispersion. Sweep or shovel spills into appropriate containers for disposal. Prevent formation of clouds of dust.
- After spillage and/or leakage : Remove as chemical waste, according to national or local legislation.

## 7. Handling and storage

- General** : **Read label before use.**
- Handling : Prevent formation of clouds of dust. Do not breathe dust. Wear suitable protection.
- Storage : Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.  
Store in a frost-free, dry, cool, well-ventilated area. According to national or local legislation.
- Packaging material : Use original packaging.

## 8. Exposure controls / personal protection

- Engineering measures : Provide adequate ventilation to minimize dust and/or vapour concentrations.
- Hygiene measures : When using, do not eat, drink or smoke. Wash hands and face with soap and water before the break. Shower after work. Wear clean working clothes every day.
- Occupational Exposure Limits : No occupational exposures limits have been established.
- Personal protection**
- Respiratory protection : Dustfilter.
  - Skin protection : Working clothes.
  - Hand protection : PVC gloves.
  - Eye protection : In the event of possible exposure: eye protection.
  - Ingestion : When using, do not eat, drink or smoke.

## 9. Physical and chemical properties

- Physical state : Pellets.
- Colour : Blue.
- Odour : Characteristic.
- Solubility in water : Dispersable
- Relative vapour density (air=1) : Not applicable.
- Flash point [°C] : Not applicable.

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## 9. Physical and chemical properties (continued)

Explosion limits : Not applicable.  
Log P octanol / water at 20°C : No data available.

## 10. Stability and reactivity

Stability : Stable under normal circumstances.  
Hazardous decomposition products : Burning may produce e.g. : Carbon monoxide Acetaldehyde. Hydrocarbons.  
Hazardous reactions : Will not occur.  
Materials to avoid : Not applicable.  
Hazardous properties : None under normal conditions.  
Conditions to avoid : Not applicable.  
Hazardous polymerization : Will not occur.

## 11. Toxicological information

Rat oral LD50 [mg/kg] : > 2000  
Dermal (rat) LD50 [mg/kg] : > 2000

## 12. Ecological information

On product : The data available do not support environmental hazard.

## 13. Disposal considerations

Waste-disposal procedures : Prevent dispersion. Remove waste product to a suitable incinerator. According to national or local legislation.  
Waste of residues : Keep waste separate. Remove as chemical waste, according to national or local legislation.  
Contaminated packaging : Keep waste packaging separate. Remove as chemical waste, according to national or local legislation.

## 14. Transport information

General information : Free for transport regulations.

## 15. Regulatory information

### EU Regulations

### EU Classification

(67/548/EEC-88/379/EEC)

Hazard symbol(s) : Not applicable.

### Warning phrases

R Phrase(s) : None.

### Safety phrases

S Phrase(s) : S2 : Keep out of the reach of children.  
S13 : Keep away from food, drink and animal feedingstuffs.  
S20/21 : When using, do not eat, drink or smoke.  
S22 : Do not breathe dust.  
S45 : In case of accident or if you feel unwell, seek medical advice immediately ( show the label when possible).

## 16. Other information

Certis code : WA  
Explanation of R-phrases used in section 3 : R10 : Flammable.  
R22 : Harmful if swallowed.  
Sources of key data used : - The Pesticide Manual, 12th ed (ISBN 1 901396 12 6)

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## 16. Other information (continued)

Further information : - Classification Database ECB  
- Files Certis Europe BV  
: Revision - See : \*  
Trade name(s) : TRIGGER 3

The contents and format of this MSDS are in accordance with EC Commission Directive 93/112/EEC, 99/45/EC, 2001/58/EC and Reach Regulation 1907/2006.

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