

EC Safety Data Sheet

ZENECA Agrochemicals

KLERAT MOUSE TUBE

Version: 4

Last change: 03/03/97

Date of issue: 03/03/97

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

Product name : KLERAT MOUSE TUBE
Company : ZENECA Agrochemicals
Fernhurst
Haslemere
Surrey GU27 3JE
Phone number : (01428) 644061 Fax:
Emergency phone : (01622) 814777

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description

A coumarin - type anticoagulant rodenticide.
A container with two wicks each dosed with 1.0 g of a 0.25% w/w solution of brodifacoum.

EEC-No. : 259-980-5 Brodifacoum

Hazardous ingredients	CAS-No.	Hazard symbols	Risk Phrases	Concentration
Brodifacoum	56073-10-0	T+	R27/28-R48/24/25	0.005 % w/w

3. HAZARDS IDENTIFICATION

Unlikely to cause harmful effects under normal conditions of handling and use.

4. FIRST AID MEASURES

Unlikely to cause harmful effects under normal conditions of handling and use. Symptoms of poisoning are typical of anticoagulants. In severe cases there may be bruising, haematomas of the joints, blood in the faeces and urine. An antidote, Vitamin K1 (phytomenadione BP), should only be administered under the direction of a doctor who has access to a hospital laboratory. Doctors should refer to the leaflet 'The treatment of Anticoagulant Rodenticide Poisoning', 1988.

Eye contact : Unlikely route of exposure.
Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

Skin contact : Unlikely route of exposure.
Take off immediately all contaminated clothing. Wash skin immediately with water, followed by soap and water. Such action is essential to minimise contact with skin. Contaminated clothing should be laundered before re-issue.

Inhalation : Unlikely route of exposure.
Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.

Ingestion : Unlikely route of exposure.
ALL POISONED PATIENTS MUST BE TAKEN TO HOSPITAL

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IMMEDIATELY.
Refer to the leaflet 'The Treatment of Anticoagulant Rodenticide Poisoning', 1988.
Do not induce vomiting.

Medical advice

Doctors should refer to the leaflet 'The treatment of Anticoagulant Rodenticide Poisoning', 1988.

5. FIRE FIGHTING MEASURES

Keep fire exposed containers cool by spraying with water.

Extinguishing media : For small fires, use foam, carbon dioxide or dry powder extinguishant. For large fires, use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

Protective Equipment : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Clean up methods : This material and its container must be disposed of in a safe way. (See label for details)

7. HANDLING AND STORAGE

HANDLING

Read the label before use.

Safe handling advice

: Do not use outdoors or in damp situations.
Prevent access to baits by domesticated animals.
When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.
Do not open tubes. Do not attempt to recharge wicks - this is a disposable device.

STORAGE

Safe storage advice : Keep locked up. Keep only in the original container. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Personal protection**

Not required when used as directed on the label.

Occupational exposure limitsHazardous ingredient : Brodifacoum ZENECA Standard
8 hr TWA 0.002 mg/m³Not applicable to end user.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : tube-like container
Colour : Not applicable
Odour : Not available.
Boiling point : Not available.
Melting point : Not available.
Flash point : Not available.
Autoignition : Not available.
temperature
Explosive properties : Not applicable
Vapour pressure : Not available.
Density : Not available.
Solubility : in/with water
Not available.
pH-value (quant.) : Not available.
Partition coeff. : log P Not available.
Oxidizing properties : Not applicable

10. STABILITY AND REACTIVITY

Hazardous decomposition
products : Combustion or thermal decomposition will evolve toxic and
irritant vapours.

11. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY (LETHAL DOSES)**

Low toxicity under normal conditions of handling and use.

Oral
Highly unlikely under normal use.
Brodifacoum is : Very toxic if swallowed.

LD50 Dermal
Unlikely to cause harmful effects under normal conditions of handling and use.

Inhalation
Unlikely route of exposure.

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ACUTE TOXICITY (IRRITATION, SENSITISATION ETC.)

Eye Irritation

: Unlikely to cause harmful effects under normal conditions of handling and use.

Skin Irritation

: Unlikely to cause harmful effects under normal conditions of handling and use.

CHRONIC TOXICOLOGICAL EFFECTS / LONG TERM EXPOSURE

Long Term Exposure : No long term risks to man are associated with the normal handling and use of this material.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION

ECOTOXICITY

Unlikely to cause harmful effects under normal conditions of handling and use.

13. DISPOSAL CONSIDERATIONS

Remove and burn control device after treatment.

14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

15. REGULATORY INFORMATION

Classification : **Not Classified as Dangerous for Supply/Use.**
Special label : (S053) Do not re-use container, keep tightly closed in a safe place.
(S054) See instructions for use supplied separately.
(D01) Wash substances from skin or eyes immediately.

The safety phrases have been assigned by ZENECA Agrochemicals. Users should ensure that they comply with any relevant local, state or national legislation.

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16. OTHER INFORMATION

Use: : For the control of mice in industrial, commercial and agricultural buildings.

KLERAT is the property of a ZENECA Group company.

Read the label before you buy: use pesticides safely.

This data sheet was prepared in accordance with Directive 91/155/EC (93/112/EC).

The information on this sheet is not a specification, it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed.

A vertical bar (|) in the left margin indicates an amendment from the previous version.