KOMBAT RATS & MICE BLOCKS

Registration No. L6425, ACT 36 OF 1947

KOMBAT RATS & MICE BLOCKS is an anticoagulant bait (substance that thins the blood, thus not allowing it to clot) rodenticide which controls rodents.

COMPOSITION

Active Ingredient
Brodifacoum (Anticoagulant) - 0,05g/kg
Bittering agent

USES AND BENEFITS

- **KOMBAT RATS & MICE** is effective in the control of rats and mice that are resistant to warfarin – an anticoagulant that has been used in many other rodenticides.
- **KOMBAT RATS & MICE** is a first generation active ingredient. Thus smaller doses of the product are needed than with other rodenticides ie. it is more effective at lower rates.
- There is a limited risk of secondary poisoning.
- It contains a bittering agent, which acts as a deterrent for domestic animals and young children.
- The blocks are blue in colour and are therefore unattractive to birds.
- Each block has the words "RAT POISON" engraved on it. This acts as a warning to humans.

METHOD OF APPLICATION

- Place 5 – 7 blocks where there are signs of rodents such as behind fridges and stoves.
- Cover the bait in such a way that domestic animals and children cannot come into contact with it or have access to it.
- Check the bait daily and replace when necessary.
- Rodents need only feed once on the product before the product is effective. In other words, the rodent dies after the first feed.
- Continue to place the bait until no signs of feeding are noted.
- If placing the product in the roof or ceiling, place the blocks above the ceiling. Repeat when necessary.
WARNINGS AND PRECAUTIONS

WARNINGS:

- Handle with care.
- Prevent access to baits by children and domestic animals.
- Store under lock and key away from food and feed stuffs.
- Poisonous if swallowed and upon prolonged contact with skin.
- Toxic to fish and wildlife.
- In case of poisoning, call a doctor and make this label available to him.

PRECAUTIONS:

- Avoid contamination of any food, food utensils, feed and drinking water.
- Set bait stations where these will be inaccessible to children and domestic animals.
- Wash hands and exposed skin after handling.
- Destroy empty container and do not re-use it for any other purpose.
- Do not eat, drink or smoke while handling the product.
- Bury dead rodents and any bait unconsumed at end of treatment.

KOMBAT RATS & MICE BLOCKS is classified as yellow band toxicity. All procedures recommended must be followed carefully

**PLEASE READ THE LABEL BEFORE USE.**

Field Mouse
SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

KOMBAT RATS & MICE BLOCKS

Version: 1.2
Revision Date: December 2016

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY UNDERTAKING:

PRODUCT INFORMATION

Product Name: KOMBAT RATS & MICE BLOCKS
Design Code: ...
Registration No.: L6425, Act No. 36 of 1947
Use: Rodenticide
Company: Kombat (Pty) Ltd
39 Dr. Gordon Road
Greytown
3250

EMERGENCY TELEPHONE NUMBERS

SPILLAGES:
Emergency telephone: +27-82-446-8946 (all hours)

POISONING INCIDENTS:
Poison Information Centre of the Western Cape: +27-861-555-777 (all hours)
Griffon Poison Information Centre: +27-82-446-8946 (all hours)
UFS Pharmacology/Toxicology information centre: +27-82-491-0160

2. HAZARD IDENTIFICATION

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product description
An anti-coagulant rodenticide bait consisting of paraffin wax blocks

<table>
<thead>
<tr>
<th>Hazardous ingredient</th>
<th>CAS-No.</th>
<th>g/kg</th>
<th>Hazard symbols</th>
<th>Risk Phrases</th>
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<tbody>
<tr>
<td>Brodifacoum</td>
<td>56073-10-0</td>
<td>0,05</td>
<td>T+</td>
<td>R27/8-R48/24/25</td>
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4. FIRST-AID MEASURES

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 (Phytonadione 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: Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain medical attention.

Skin contact: Take off immediately all contaminated clothing. Wash skin immediately with cold water, followed by soap and water. Such action is essential to minimise contact with skin. Contaminated clothing should be washed before re-use.

Inhalation: Unlikely to be hazardous by inhalation unless present as a dust. Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.

Ingestion: ALL POISONED PATIENTS MUST BE TAKEN TO HOSPITAL IMMEDIATELY. Refer to the leaflet 'The Treatment of Anticoagulant Rodenticide poisoning' 1988. Do not induce vomiting.

Medical advice
Gastric lavage may be effective when performed within 4 hours of ingestion. Intramuscular Vitamin K₁; dosage depends on mass of patient and prothrombin time. In severe cases, small transfusions of matched fresh blood may improve prothrombin levels. 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 must be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Clean up methods: Sweep up spillage and transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains.
Spillage or uncontrolled discharges into water courses must be alerted to the Department of Water Affairs/Environment.

7. HANDLING AND STORAGE

**Handling:**
Read the label before use.

Safe handling: Avoid all contact by mouth. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking. Prevent access to baits by domesticated animals.

**Storage:**
Safe storage: Store under lock and key. Keep in original container, tightly closed, out of reach of children. Store in a cool, dry place away from farm feeds and food stuff. Prevent access to bait by domesticated animals. Store away from strong smelling materials.

Storage Life: Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Personal protection
When using this product refer to label for details.

Occupational exposure limits

Hazardous ingredient: Brodifacoum

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<tr>
<td>8 hr TWA</td>
<td>0,002 mg/m³</td>
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</table>

Not applicable to field use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: waxy solid
Colour: dark blue
Odour: odourless
Flash point: does not flash
Melting point: >65 °C
Auto Ignition Temp.: Not available
Density: 1,25 g/m³
Solubility: insoluble in/with water
Oxidising properties: Not applicable.
10. STABILITY AND REACTIVITY

Hazardous decomposition Product(s): Combustion or thermal decomposition will evolve toxic and irritant vapours.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY (LETHAL DOSES)

This health hazard assessment is based on a consideration of the components of this product.

Oral LD$_{50}$ rat: (calculated) approx. 10 g/kg

The swallowing of small amounts is unlikely to cause any adverse effects. Larger doses may produce nausea and vomiting.

Inhalation
Unlikely route of exposure.

ACUTE TOXICITY (IRRITATION, SENSITISATION ETC.)

Eye Irritation: Unlikely to cause eye irritation in man.
Skin Irritation: Unlikely to cause skin irritation in man.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Harmful to animals and birds.
Unlikely to be hazardous to aquatic life when used as directed.

13. DISPOSAL CONSIDERATIONS

Do not contaminate rivers, dams or any other water source with the chemical or used containers.
Destroy empty containers by perforation. Bury in an approved dumping site.
Do not re-use for any other purpose.

14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.
15. REGULATORY INFORMATION

Danger Group IV (SABS 0028-1990)
Classification : Not Classified as dangerous for Supply/Use.
Special Label : SOS3) Do not re-use container, keep tightly closed in a safe place.
(D01) Wash substance from skin and eyes immediately.

16. OTHER INFORMATION

Use : An anticoagulant rodenticide.

Read the label before you buy: use pesticides safely.

Kombat Rats & Mice Blocks is the property of a KOMBAT PTY LTD.
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. All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors or omissions or the consequence thereof.