KLERAT® Wax Blocks is a ready-to-use wax block bait containing 0.05 g/kg brodifacoum (0.005 % w/w), for use as a rodenticide by trained professionals, for the control of brown rats and mice indoors, outdoors around buildings and in sewers for the protection of public health, animal health, stored products and materials.

FOR TRAINED PROFESSIONALS ONLY

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Danger
May damage the unborn child.
May cause damage to organs (blood) through prolonged or repeated exposure.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.
Wear protective gloves
IF exposed or concerned: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local regulation.

Product stewardship requirements:
Not for sale to the general public or any person other than trained professionals.

Proof of competence:
Trained professional users must register with DAFM as a ‘Trained Professional - Pest Management Professional’ (PMU) and must present their PMU No at point of sale to purchase this product for use only as specified on the label.

This product should only be used in accordance with a code of best practice such as the CRRU Ireland Best Practice Requirements for Rodent Control and Safe Use of Rodenticides. Follow any additional instructions in that code of best practice.
INSTRUCTIONS FOR USE

Indoors and outdoors around buildings:
For control of Brown rats (*Rattus norvegicus*) and mice (*Mus musculus*)
Bait to be applied in tamper-resistant bait stations, or in covered and protected baiting points.

**Rats:** Secure 1-3 blocks (20-60g) per bait point. If more than one bait point is needed, the distance between bait stations should be 5m for high infestations and 10m for low infestations.

**Mice:** Secure 1 block (20g) per bait point. If more than one bait point is needed, the distance between bait stations should be 2m for high infestations and 5m for low infestations.

Additionally, when used outdoors around buildings; by direct application into the burrow.

**Rats:** Place 1-3 blocks (20-60g) per burrow.

Initial inspection of bait points after 3 days is recommended. Replace any bait that has been consumed. Repeat approximately 4 days later and then weekly. Replace contaminated or spoiled bait.

When used indoors: Remove the remaining product at the end of treatment period. Collect any spilled bait and dead rodents. Follow any additional instructions provided by relevant code of best practice.

When used outdoors around buildings: Protect bait from the atmospheric conditions. Place the baiting points in areas non-liable to flooding. Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt. Baiting points must be covered and placed in strategic sites to minimise the exposure to non-target species. Remove the remaining product at the end of treatment period except when directly applied into burrows. Baits must be placed to minimise the exposure to non-target species and children. Cover or block the entrances of baited burrows to reduce the risks of bait being rejected and spilled. Follow any additional instructions provided by the relevant code of best practice.

In sewers:
For control of Brown rats (*Rattus norvegicus*)
Bait to be applied in tamper-resistant bait stations or securely attached to structures/fittings in sewers.

**Rats:** Secure 1-10 blocks (20-200g) per station to available structures to ensure blocks are not washed away.
Initial inspection of bait points after 3 days is recommended. Replace any bait that has been consumed. Repeat approximately 4 days later and then weekly. Replace contaminated or spoiled bait.

When used in sewers: Baits must be applied in a way so that they do not come into contact with water and are not washed away. Follow any additional instructions provided by the relevant code of best practice.

Instructions for use – general:
Read and follow the product information as well as any information accompanying the product or provided at the point of sale before using it.
Carry out a pre-baiting survey of the infested area and an on-site assessment in order to identify the rodent species, their places of activity and determine the likely cause and the extent of the infestation. Remove food which is readily attainable for rodents (e.g. spilled grain or food waste). Apart from this, do not clean up the infested area just before the treatment, as this only disturbs the rodent population and makes bait acceptance more difficult to achieve. The product should only be used as part of an integrated pest management (IPM) system, including, amongst others, hygiene measures and, where possible, physical methods of control.

Bait stations should be placed in the immediate vicinity of places where rodent activity has been previously observed (e.g. travel paths, nesting sites, feedlots, holes, burrows etc.).
Where possible, bait stations must be fixed to the ground or other structures. Bait stations must be labelled with the following information: “Product name or authorisation number”; “Active substance” “Contains a rodenticide”; “Do not move or open”; and “In case of incident, call the National Poisons Information Centre on (01) 809 2166”.

When the product is being used in public areas and tamper-resistant bait stations are not used, the areas treated must be marked during the treatment period and a notice explaining the risk of primary or secondary poisoning by the anticoagulant, as well as indicating the first measures to be taken in case of poisoning, must be made available alongside the baits.

Bait should be secured so that it cannot be dragged away from the bait station. Place the product out of the reach of children, birds, pets and farm animals and other non-target animals. Place the product away from food, drink and animal feeding stuffs, as well as from utensils or surfaces that have contact with these. When using the product do not eat, drink or smoke. Wash hands and directly exposed skin after using the product.

The frequency of visits to the treated area should be at the discretion of the operator, in light of the survey conducted at the outset of the treatment. The frequency should be consistent with the recommendations provided by the relevant code of practice. Sites where burrow baiting is used should be visited more frequently than those where secure bait boxes are employed.

If bait uptake is low relative to the apparent size of the infestation, consider the replacement of bait points to further places and the possibility to change to another bait formulation. If after a treatment period of 35 days baits are continued to be consumed and no decline in rodent activity can be observed, the likely cause has to be determined. Where other elements have been excluded, it is likely that there are resistant rodents so consider the use of a non-anticoagulant rodenticide, where available, or a more potent anticoagulant rodenticide. Also consider the use of traps as an alternative control measure.

**Risk mitigation:**

**When used indoors and outdoors around buildings:**
Where possible, prior to the treatment inform any possible bystanders (e.g. users of the treated area and their surroundings) about the rodent control campaign in accordance with the code of best practice. Consider preventive control measures (e.g. plug holes, remove potential food and drinking as far as possible) to improve product intake and reduce the likelihood of reinvasion.

To reduce risk of secondary poisoning, search for and remove dead rodents during treatment at frequent intervals, in line with the recommendations provided by the CRRU Ireland Best Practice Requirements for Rodent Control and Safe Use of Rodenticides.

Do not use the product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.

**When used in sewers:**
Do not use this product in pulsed baiting treatments.

**General:**
Wear protective chemical resistant gloves during product handling phase (EN374). Do not use in areas where resistance to the active substance can be suspected. Products shall not be used beyond 35 days without an evaluation of the state of the infestation and of the efficacy of the treatment. Do not rotate the use of different anticoagulants with comparable or weaker potency for resistant management purposes. For rotational use consider using a non-anticoagulant rodenticide, if available or a more potent anticoagulant rodenticide. Do not wash the bait stations or utensils used in covered and protected bait points with water between applications.
Environmental protection:
When placing bait points indoors close to water drainage systems, ensure that bait contact with water is avoided. When placing bait points outdoors close to surface waters (e.g. rivers, ponds, water channels, dykes, irrigation ditches) or water drainage systems, ensure that bait contact with water is avoided. Hazardous to wildlife.

First aid:
This product contains an anticoagulant substance. If ingested, symptoms, which may be delayed, may include nosebleed and bleeding gums. In severe cases, there may be bruising and blood present in the faeces or urine.
Antidote: Vitamin K1 administered by medical/veterinary personnel only.
In case of:
- Oral exposure; rinse mouth carefully with water. Never give anything by mouth to an unconscious person. Do not provoke vomiting. If swallowed, seek medical advice immediately and show the product's container or label. Contact a veterinary surgeon in case of ingestion by a pet.
- Dermal exposure; wash skin with water and then with water and soap.
- Eye exposure; rinse eyes with eyes-rinse liquid or water, keep eyes lids open at least 10 minutes.

Disposal:
Uneaten bait: At the end of the treatment, dispose of uneaten bait and the packaging in accordance with EPA requirements for the disposal of hazardous waste. Use of gloves is recommended.
Dead rodents: Dispose of dead rodents in accordance with local requirements, using one of the following methods of disposal (in order of preference): via an on-site or on-farm small carcass incinerator; with the site’s or farm’s domestic waste; in the site’s or farm’s normal non-hazardous waste; or by burial on-site, but away from sensitive areas.

Storage:
Store in a dry, cool and well-ventilated place. Keep the container closed and away from direct sunlight. Store in places prevented from the access of children, birds, pets and farm animals. Shelf life: 2 years.

Other information:
Because of their delayed mode of action, anticoagulant rodenticides may take from 4 to 10 days to be effective after effective consumption of the bait. Rodents can be disease carriers. Do not touch dead rodents with bare hands, use gloves or use tools such as tongs when disposing them. This product contains a bittering agent and a dye.

Poison Information:
For information or to report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-809 2166), retain the label for reference.

Use Biocides Safely and Sustainably.
It is illegal to use this product for uses or in a manner other than that prescribed on this label.