

# Killgerm®

# sakarant® D WAX BAIT

FOR THE CONTROL OF RATS AND MICE

Contains 0.005% w/w (0.05g/kg) Difenacoum

**SAKARANT D WAX BAIT** is ready to use rodenticide for professionals for the control of mice and rats in and around buildings, and rats in open areas and waste dumps.

#### HAZARD STATEMENTS:

May damage the unborn child  
May cause damage to organs (blood)  
through prolonged or repeated exposure.

#### PRECAUTIONARY STATEMENT:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves.

If exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Store locked up.

Dispose of contents and/or container in accordance with local regulation.



**DANGER**

#### TARGET ORGANISMS:

*Mus musculus* (house mice), *Rattus norvegicus* (brown rat) and *Rattus rattus* (black or roof rat).

#### APPLICATION RATES:

**RATS:** Apply 4 to 8 x 15cm (length) x 1 cm diameter equal to 50 to 100g of bait per bait point; bait points 2 to 5m apart.

**MICE:** Apply a 2cm to 5cm (length) x 1cm (diameter) equal to 2 to 5g of bait per bait point; bait points 2 to 5m apart.

For ease of application allow tubes which have been stored at low temperatures (less than 10°C) to warm for half an hour to ambient room temperature (10–18°C winter use, 15–20°C summer use) before using.

To be applied in tamper-resistant bait stations. Covered and protected baiting points.

Because of their delayed mode of action, anticoagulant rodenticides take from 4 to 10 days to be effective after consumption of the bait.

Remove the remaining product at the end of treatment period.

Sites under a permanent baiting regime should be inspected regularly in accordance with product label instructions. The period between visits should be determined by the technician in charge but will not be longer than every four weeks when permanent baiting is conducted outdoors. For permanent baiting follow any additional instructions provided by the CRRU Guidance on Permanent Baiting.

#### INSTRUCTIONS FOR USE:

To be used only by professional users holding certification demonstrating compliance with UK rodenticide stewardship regime requirements.

Read the label before use. Using this product in a manner that is inconsistent with the label may be an offence. Refer to the CRRU UK Code of Best Practice (or equivalent) for guidance.

When this product is supplied to a user for the control of rodents, it shall only be supplied to a professional user holding certification demonstrating compliance with UK rodenticide stewardship regime requirements.

- 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.
- The product should be placed in the immediate vicinity of places where rodent activity has previously occurred (e.g. rodent runs, nesting sites, holes, burrows etc.).
- Where possible, bait stations must be fixed to the ground or other structures.
- Bait stations must be clearly labelled to show they contain rodenticides and that they must not be moved or opened.
- 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.
- Wear protective chemical resistant gloves during product handling phase (EN374).
- 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 the light of the survey conducted at the outset of the treatment. That frequency should be consistent with the recommendations provided by the CRRU UK Code of Best Practice (or equivalent).
- 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 continue to be consumed and no decline in rodent activity is observed, the likely cause must 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.
- Protect bait from atmospheric conditions. Place the baiting points in areas not liable to flooding.
- Replace any bait in baiting points in which bait has been damaged by water or contaminated by dirt.
- For outdoor use, baiting points must be covered and placed in strategic sites to minimise the exposure to non-target species.

- Remove the remaining product of the end of treatment period.
- Use appropriate chemical resistant gloves EN374 and a spatula for post-application tasks (cleaning/disposal of bait).
- 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 re-infestation.
- 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 relevant code of best practice.
- Do not use the product in pulsed baiting treatments.
- Permanent baiting is strictly limited to sites with a high potential for reinfestation when other methods of control have proven ineffective.
- The permanent baiting strategy shall be periodically reviewed in the context of integrated pest management (IPM) and the assessment of the risk for re-infestation.
- Do not apply this product directly in the burrows.
- When this product is used indoors it shall only be used in places that are not accessible to children or non-target animals.

#### RISK MITIGATION MEASURES:

- Where possible, prior to the treatment inform any bystanders about the rodent control campaign.
- Do not use in areas where resistance to the active substance is 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 (unless permanent baiting).
- Do not rotate the use of different anticoagulants with comparable or weaker potency for resistance management purposes. For rotational use, consider using a non-anticoagulant rodenticide, if available, or a more potent anticoagulant.
- Do not wash the bait stations or utensils used in covered and protected bait points with water between applications.
- Dispose of dead rodents in accordance with local requirements.
- In the UK disposed rodents may be disposed of by the waste producer at an incinerator or landfill permitted to accept that type of waste, or collected by a registered waste carrier and taken for disposal at a suitably permitted site. For further information on disposal contact the Environment Agency (<http://www.environment-agency.gov.uk>) or SEPA (<http://www.sepa.org.uk>).
- 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 relevant code of best practice.
- Do not use this product as permanent baits for the prevention of rodent infestation or monitoring of rodent activities.
- This product contains a bittering agent and a dye.

#### Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

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:

- Dermal exposure, wash skin with water and then with water and soap.
- Eye exposure, rinse eyes with carefully-washed water, keep eyes lids open at least 10 minutes.
- Oral exposure, rinse mouth carefully with water. Never give anything by mouth to unconscious person. Do not provoke vomiting. If swallowed, seek medical advice immediately and show the product label to the doctor.

UK medical professionals should contact the National Poisons Information Service ([www.npis.org](http://www.npis.org)) for further advice.

Contact a veterinary surgeon in case of ingestion by a pet. Bait stations must be labelled with the following information: "do not move or open"; "contains a rodenticide"; "product name or authorisation number"; "active substances"; and "in case of accident, call a poison centre".

Hazards to wildlife

When placing bait points close to water drainage systems, ensure that bait contact with water is avoided.

When placing bait points 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.

#### Instructions for safe disposal of the product and its packaging:

- At the end of the treatment, dispose of unneaten bait and the packaging in accordance with local requirements.
- Use of gloves is recommended.
- For information on disposal in the UK contact the Environment Agency (<http://www.environment-agency.gov.uk>) or SEPA (<http://www.sepa.org.uk>).
- Rodents can be disease carriers. Do not touch dead rodents with bare hands, use gloves or use tools such as tongs when disposing of them.

#### Conditions of storage and shelf-life of the product under normal conditions of 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: 24-months.

#### Authorisation No: UK-2012-0370

#### Authorisation:

Killgerm Chemicals Ltd, 115 Wakefield Road, Ossett, West Yorkshire, WF5 9AR

Date of authorisation: 9th April 2018

Expiry date of the authorisation: 28th April 2023

Label Ref: May 18

Batch No and D.O.M.: See Separate Sliders.

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