

SAFETY DATA SHEET
RAT AND MOUSE SOFT BAIT

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Substance: BIOCIDAL PRODUCT
Product Name: **RAT AND MOUSE SOFT BAIT**
Product Use: Biocidal product, rodenticide, Bait
Creation Date: April 2026

Registration holder / Registrasiehouer:
PROTEK, a division of / a divisie van
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SECTION 2 - HAZARD IDENTIFICATION

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

NO NEED FOR CLASSIFICATION ACCORDING TO GHS CRITERIA FOR THIS PRODUCT.

Precautionary Statement:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.

The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards

According to UN GHS criteria

See section 12 - Results of PBT and vPvB assessment.

If applicable information is provided in this section on other hazards which do not result in classification, but which may contribute to the overall hazards of the substance or mixture. This product is hazardous to mammals, including domesticated animals, and birds. Exposure of non- target animals should be prevented.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE: mixture

Description: Mixture of substances listed below with non-hazardous additions.

Hazardous Components:		
CAS Number: 8002-75-3	Oils, palm	<50%
CAS Number: 8001-30-7	Corn oil	<30%
CAS Number: 57-50-1	Sucrose	<15%
CAS Number: 130498-22-5	Wheat flour	<15%

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SECTION 4 - FIRST AID MEASURES

General information: Remove contaminated clothing.

If inhaled: Keep patient calm, remove to fresh air.

On skin contact: Wash thoroughly with soap and water

On contact with eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion: Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

Symptoms: (Further) symptoms and / or effects are not known so far

Hazards: Chronic overexposure has been reported to cause hypercalcemia.

Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray or fog, foam, dry powder.

Unsuitable extinguishing media for safety reasons: carbon dioxide

Specific Hazards Arising from the Chemical:

Carbon monoxide, Carbon dioxide, nitrogen oxides

The substances/groups of substances mentioned can be released in case of fire.

Special Protective Equipment and Precautions for Fire Fighters:

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

In case of fire and/or explosion, do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately; do not allow to reach sewage or effluent systems.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SECTION 6 - ACCIDENTAL RELEASE MEASURES (SPILLAGE)

Personal Precautions: Avoid inhalation. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental Precautions: Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Methods and Materials for Containment: Contain spilled product by diking area with sand, earth or lime.

Methods and Materials for Clean-up: For small amounts: Contain with dust binding material and dispose of.

For large amounts: Sweep/shovel up. Avoid raising dust. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

SECTION 7 - HANDLING AND STORAGE REQUIREMENTS

Handling: Precautions for safe handling: No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. Do not apply in the open – cover bait points or use bait boxes. If dead and/or dying rats or mice are found during and after the control program, these must be cleared away immediately in order to avoid secondary poisoning phenomena.

Protection against fire and explosion: No special precautions necessary. The substance/product is non-combustible.

Product is not explosive.

Storage:

Conditions for safe storage: Segregate from foods and animal feeds. Odour-sensitive: Segregate from products releasing odours. Further information on storage conditions: Keep only in the original container in a cool, well-ventilated place. Keep container dry. Keep away from heat. Protect from direct sunlight. Protect against moisture.

Storage duration: 60 Months

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Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed
Packaging material: Plastic containers.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

Respirator:

Respiratory protection not required.

Clothing:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

Gloves:

Protective gloves (EN ISO 374-1) are required for the safe handling of this product and are also recommended for protection against rodent-borne diseases. e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166).

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form: solid

Colour: grey to green

Odour: sweetish, faint odour

Odour threshold: Not determined due to potential health hazard by inhalation.

pH value: approx. 5 – 7 (1 %(m), 20 °C) (as suspension)

Flammability: not highly flammable

Lower explosion limit: As a result of our experience with this product and our knowledge of its composition, we do not expect any

hazard as long as the product is used appropriately and in accordance with the intended use.

Upper explosion limit: As a result of our experience with this product and our knowledge of its composition, we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Density: approx. 1.32 g/cm³ (20 °C)

Solubility in water: insoluble

Partitioning coefficient n-octanol/water (log K_{ow}): The statements are based on the properties of the individual components.

Information on: Sucrose

Partitioning coefficient n-octanol/water (log K_{ow}): -3.27 Literature data. -

Self-ignition: Temperature: 318.0 °C (Method: Regulation 440/2008/EC, A.16)

Thermal decomposition: 180 °C, 270 kJ/kg (DSC (OECD 113)) (onset temperature) 280 °C, 30 kJ/kg (DSC (OECD 113)) (onset temperature). Not a substance liable to self-decomposition according to UN transport regulations, class 4.1.

Explosion hazard: not explosive

Fire-promoting properties: not fire-propagating (Regulation 440/2008/EC, A.17)

Other information

Self-heating ability: It is not a substance capable of spontaneous heating according to UN transport regulations class 4.2.

SADT: > 75 °C Heat accumulation / Dewar 500 ml (SADT, UN-Test H.4, 28.4.4)

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability: The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions: No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid: See SDS section 7 - Handling and storage.

Incompatible materials

Substances to avoid: strong oxidizing agents, strong bases, strong acids

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

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SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion.

Experimental/calculated data:

LD50 rat (oral): > 5,000 mg/kg (OECD Guideline 425)

No mortality was observed.

LC50 rat (by inhalation):

Not inhalable due to the physico-chemical properties of the product.

LD50 rat (dermal): > 5,000 mg/kg

No mortality was observed.

Irritation

Assessment of irritating effects:

Not irritating to the eyes. Not irritating to the skin.

Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant

Serious eye damage/irritation rabbit: non-irritant

Respiratory/Skin sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential.

Experimental/calculated data:

Buehler test guinea pig: Non-sensitizing.

Germ cell mutagenicity

Assessment of mutagenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Carcinogenicity

Assessment of carcinogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of reproductive toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

Developmental toxicity

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

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Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components. No substance-specific organ toxicity was observed after repeated administration to animals.

Aspiration hazard

The product has not been tested. The statement has been derived from the properties of the individual components. No aspiration hazard expected.

Other relevant toxicity information

Misuse can be harmful to health.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: corn oil

Toxicity to fish:

LC0 3,000 mg/l, *Leuciscus idus* (OECD 203; ISO 7346; 92/69/EEC, C.1)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Analogous: Assessment derived from products with similar chemical character.

Assessment of terrestrial toxicity:

Hazardous to birds and mammals.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: corn oil

Assessment biodegradation and elimination (H₂O):

Readily biodegradable (according to OECD criteria).

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: Oils, palm

Assessment biodegradation and elimination (H₂O):

Readily biodegradable

Bioaccumulative potential

Assessment bioaccumulation potential:

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Sucrose

Assessment bioaccumulation potential:

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: No data available. The product has not been tested. The statement has been derived from the properties of the individual components.

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Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

Other adverse effects

The product does not contain substances that are listed in the Montreal Protocol on substances that deplete the ozone layer.

Additional information

Other ecotoxicological advice: Must not be discharged into the environment.

SECTION 13 - DISPOSAL CONSIDERATION

Waste treatment:

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14 - TRANSPORT INFORMATION

Land transport

ADR

Not classified as a dangerous good under transport regulations.

UN number or ID number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None known

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

SECTION 16 - OTHER INFORMATION

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.