

# Sakarar D Wax Bait

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Sakarar D Wax Bait : (UK-2012-0370)

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses:** A ready-to-use paste bait containing Difenacoum (0.005%w/w) for use as a rodenticide by professionals for the control of rats and mice indoors and outdoors (around buildings only) for the protection of public health, stored products and materials.

**Uses advised against:** Not to be used for Pulsed baiting or applied directly into burrows.

### 1.3. Details of the supplier of the safety data sheet

**Address:** Killgerm Chemicals Ltd, Wakefield Road, Ossett, WF5 9AJ

**Tel:** +44 (0)1924 268 450

**Fax:** +44 (0)1924 265 033

**Email:** technical@killgerm.com

### 1.4. Emergency telephone number

Medical professionals should use National Poisons Information Service Tel: 0870 600 6266.

Killgerm Chemicals Ltd Tel:01924 268452 (Office hours)

Non-medical professionals should seek information by contacting NHS by dialling 111.

## SECTION 2: Hazards identification

### 2.1. Classification of the mixture according to Regulation (EC) No. 1272/2008 [CLP]

**Repr. 1B; H360D** May cause harm to unborn child.

**STOT RE 2; H373** May cause damage to organs (blood) through prolonged or repeated exposure

### 2.2. Label elements



Signal word: **Danger**

**H360D** May cause damage to unborn child.

**H373** May cause damage to organs (blood) through prolonged or repeated exposure.

**P201** Obtain special instructions before use.

**P202** Do not handle until all safety precautions have been read and understood.

**P260** Do not breathe dust/fumes/gas/mist/vapours/spray.

**P280** Wear protective gloves/protective clothing/eye protection/face protection.

**P308 + P313** IF exposed or concerned: Get medical advice/attention.

**P314** Get medical advice/attention if you feel unwell.

**P405** Store locked up.

**P501** Dispose of contents/container in accordance with local regulation

Additional safety Information:

To avoid risks to human health and the environment, comply with instructions for use. Use bait containers clearly marked "poison" at all surface baiting points. Remove all remains of bait, dead rodents during and after treatment and dispose of safely. Prevent access to bait by children, domesticated animals and pets, (particularly cats, dogs and pigs). Harmful to wildlife.

Date of issue: 29-07-19

Replaces version issued: 23-01-18

Page 1 of 7

# Sakarar D Wax Bait

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830



### 2.3. Other hazards

None expected under normal conditions of use.

This product contains Difenacoum, an indirect anticoagulant. Any signs of poisoning are unlikely to occur until 12-18 hours after ingestion. Thereafter, they will develop progressively and may rapidly appear.

Clinical signs result from an increased bleeding tendency and include: an increase in prothrombin time, bruising easily with occasional gum bleeding, blood in the stool or urine, excessive bleeding from minor cuts and abrasions, pale mouth and cold gums, anorexia and general weakness. More severe cases of poisoning include haemorrhage (usually internal) and shock.

This product is hazardous to mammals including domesticated animals, and birds if ingested.

Exposure of non-target animals should be prevented.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous Components in Product

Ingredient Name	Classification	Concentration	H Phrases
Difenacoum Technical Material CAS Number: 56073-07-5	Acute Tox. 1 (Oral) Acute Tox. 1 (Dermal) Acute Tox. 1(Inhalation) Repr. 1B STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	0.005% w/w	H300 H310 H330 H360D H372 H400 H410
Denatonium Benzoate CAS Number: 3734-33-6	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 3	0.001% w/w	H302, H332 H315 H318 H412

See section 16 for full text of H phrases and hazard classification of ingredients.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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 eyes-rinse liquid or 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's container or label.

Contact a veterinary surgeon in case of ingestion by a pet.

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

Bait stations must be labelled with the following information: "do not move or open"; "contains a rodenticide"; "product name or authorisation number"; "active substance(s)" and in case of accident, call a poison centre "national poisons centre Tel: 0870 600 6266.

**DO NOT LEAVE POISONED PERSON ALONE UNDER ANY CIRCUMSTANCE.**

# Sakarar D Wax Bait

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830



### 4.2. Most important symptoms and effects, both acute and delayed

Difenacoum is an anticoagulant which may produce bleeding. Symptoms may be delayed for several days after exposure. In case of poisoning bleeding disorders and increased bleeding tendency may occur. In severe poisoning cases strong internal bleeding can cause circulatory collapse and consequent

### 4.3. Indication of any immediate medical attention and special treatment needed

See 4.2

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**ADVICE FOR DOCTORS:** Difenacoum is an indirect anti-coagulant. Phytomenadione and Vitamin K1 are antidotal. Determine prothrombin time not less than 18 hours after consumption. If elevated, administer Vitamin K1 40mg/day for adults and 20mg/day for children in divided doses. Continue until prothrombin times normalise. Continue determination of prothrombin time for two weeks after withdrawal of antidote and resume treatment if elevation occurs in that time.

N.B. Vitamin K3 is not effective.

For comprehensive medical advice on the treatment of poisoning, contact the nearest Poisons Information Centre.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use water spray, foam, dry chemical or carbon dioxide. Cool the smouldering material with water spray to minimise the possibility of re-ignition. Keep containers and surroundings cool with water spray.

### 5.2. Special hazards arising from the substance or mixture

This product is non-flammable, but combustible. May produce toxic fumes of carbon monoxide if involved in a fire.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment (Section 8). Refer to protective measures listed in sections 7 and 8.

### 6.2. Environmental precautions

Ensure the product does not reach any water channel, drains, surface or ground waters. If this occurs, notify the relevant authorities immediately.

### 6.3. Methods and material for containment and cleaning up

Scrape up material. Place in marked receptacle ready for disposal. Contact supplier for advice on disposal. See section 13

### 6.4. Reference to other sections

See also sections 8 and 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

The product must be used and stored only in accordance with the product label. Refer also to the section "Exposure Controls/Personal Protection". Avoid all contact by mouth. Wash hands and exposed skin before meals and after use. Empty container completely and dispose of safely.

# Sakarar D Wax Bait

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830



### 7.2. Conditions for safe storage, including any incompatibilities

Store in the original container under cool and dry conditions in a secure, well ventilated place, inaccessible to children, and away from foodstuffs and animal feed. Store and transport away from products which may have an odour

### 7.3. Specific end use(s)

Before using this product read the instructions for use. The product is intended for use as a rodenticide.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No specific national limit values have been established.

### 8.2. Exposure controls

Where exposure may occur engineering controls should be employed. A risk assessment should be carried out and the following PPE may be appropriate /required.

PPE	Item In Use	Spillage
Respirators		Use half-mask (EN140) with a particle filter P (EN 143) to required (nominal) protection factor (Minimum).
Gloves	Unlined/Flock lined, synthetic rubber/PVC to EN 374. (300mm in length) e.g. Nitrile.	Unlined/Flock lined, synthetic rubber/PVC to EN 374. (300mm in length) e.g. Nitrile.
	Basic type e.g. Heavy duty polycotton or coverall type 5/6.	coverall type 5/6.
Goggles / Face shield		Safety glasses to EN 166 3459B.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance: Blue paste bait

Odour: Distinctive odour similar to modelling clay.

pH: 6.3

Density: 1.11

Flammability: Will burn in fire.

Boiling point/boiling range: Not applicable.

Vapour density: Not applicable.

Vapour pressure: Not applicable.

Melting point/freezing point: Not applicable.

Solubility in water: Insoluble

Solubility in other solvents: No information

Explosive properties: Product is not explosive

Combustibility: combustible.

Oxidising properties: No oxidising properties

Evaporation rate: No information

Partition coefficient: No information

Decomposition temp: No information

Auto-ignition temp: 371°C

Date of issue: 29-07-19

Replaces version issued: 23-01-18

# Sakarot D Wax Bait

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830



## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Not a reactive mixture.

### 10.2. Chemical stability

Mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3. Possibility of hazardous reactions

None anticipated.

### 10.4. Conditions to avoid

Avoid extremes of temperature.

### 10.5. Incompatible materials

Store away from strong oxidising agents.

### 10.6. Hazardous decomposition products

Carbon monoxide and oxides of nitrogen, Toxic and irritant fumes released if mixture is involved in a fire.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**a) acute toxicity;** Information has been derived from the properties of the individual ingredients.

Oral LD50 (rat) >2000mg/kg.

Inhalation- Not an anticipated route of exposure.

**b) irritation;** Skin eyes, respiratory tract – no irritation potential expected. Information derived from the properties of the individual ingredients

**c) corrosivity;** The product is not classified as corrosive

**d) sensitisation;** Contains no known skin or respiratory sensitizers.

**e) repeated dose toxicity;** The product has not been tested. Repeated exposure to small quantities may affect certain organs. Damages the coagulation system.

**f) carcinogenicity/mutagenicity;** Product does not contain any ingredients known to have such effects.

**g) toxicity for reproduction;** May cause harm to the unborn child.

### 11.2. Other Data

See section 2.3

## SECTION 12: Ecological information

### 12.1. Toxicity

Data derived from the properties of the individual ingredients.

*Difenacoum (ISO) (56073-07-5) in this product is classified as very toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment. However, when used in accordance with instructions, controlled release of this product is not expected to cause environmental contamination.*

*LC50 Fish (96hr *Oncorhynchus mykiss*) 0.064 mg/L - (Directive 92/69/EEC, C.1)*

*LC50 Crustacea (48hr *Daphnia magna*) 0.52mg/L - (Directive 92/69/EEC, C.2)*

*ErC50 Algae No observed effect concentration (72 h *Pseudokirchneriella subcapitata*) 0.25 mg/l (growth rate)*

Date of issue: 29-07-19

Replaces version issued: 23-01-18

Page 5 of 7

# Sakarar D Wax Bait

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830



### 12.2. Persistence and degradability

Degradation in soil is slow. Difenacoum, soil half-life of 439 days.

### 12.3. Bioaccumulative potential

Difenacoum: Because of the n-Octanol/Water distribution coefficient (log Pow) accumulation in organisms is possible.

### 12.4. Mobility in soil

Difenacoum mobility is very low and will depend principally on the soil type. Difenacoum and any potential degradation products, even if released indirectly into the soil in small quantities are not likely to move through the soil profile and are unlikely to reach groundwater in significant quantities.

Assessment transport between environmental compartments:

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of ground water is not expected.

### 12.5. Results of PBT and vPvB assessment

Does not meet requirement for assessment.

### 12.6. Other adverse effects

None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal of the product, empty containers and contaminated packaging must be made in accordance with the local law.

Spent bait/Contaminated PPE – EWC code 20 01 19. Empty containers completely (as far as possible), dispose of contaminated, empty containers as Spent Bait.

All the items related with the product must not be disposed of with household waste or into the aquatic environment.

Please contact the supplier, local authority or the Environmental Agency for advice about disposal.

## SECTION 14: Transport information

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es).

Not applicable.

### 14.4. Environmental hazards

No

### 14.5. Special precautions for user

Not applicable.

### 14.6. Transport in bulk according to Annex II of Marpol and the IBC Code.

Not applicable.

# Sakarot D Wax Bait

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2015/830



### SECTION 15: Regulatory information

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

- a) Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2015/830).
- b) Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
- c) The Biocidal Products Regulation (BPR, Regulation (EU) 528/2012)

**Product restricted to professional users**

#### 15.2. Chemical safety assessment

Advice on product handling can be found in sections 7 and 8.

### SECTION 16: Other information

Use only in accordance with label instructions.

Operatives using this product should be trained in its use.

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations.

Ingredient classification data:

Acute Toxicity. Category 1 (Oral)	H300 Fatal if swallowed.
Acute Toxicity. Category 1 (Dermal)	H310 Fatal in contact with skin.
Acute Toxicity. Category 1 (Inhalation)	H330 Fatal if inhaled.
Acute Toxicity. Category 4	H302 Harmful if swallowed. H332 Harmful if inhaled.
Skin Irritation Category 2	H315 Causes skin irritation.
Eye Damage. Category 1	H318 Causes serious eye damage.
Reproductive toxicity. Category 1B	H360D May damage the unborn child.
STOT RE 1	H372 Causes damage to organs through prolonged or repeated exposure.
Aquatic Acute Category 1	H400 Very toxic to aquatic life.
Aquatic Chronic Category 1	H410 Very toxic to aquatic life with long lasting effects.
Aquatic Chronic Category 3	H412 Harmful to aquatic life with long lasting effects.

Issue number (date)	Section amended
14-9-2017	Updated the classification of the substance and the classifications of the hazardous components
14-9-2017	Updated the precautions for handling, physical and chemical properties and the ingredient classification data in the other information section.
23-1-2018	Updated precautionary phrases and first aid information in line with the renewal documents.
29-7-2019	Minor updates to text and layout.

**This safety data sheet does not constitute a COSHH assessment.**

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.

Date of issue: 29-07-19

Replaces version issued: 23-01-18

Page 7 of 7