

Grey Squirrel 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

Product name: Grey Squirrel Bait
Registration Number: UK-2019-1169
Product form: Ready to use cereal based bait.

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

1.2.1. Relevant identified uses

Main use category: Rodenticide for professional use only.
Use of the substance/mixture: For indoor use only against Grey Squirrel (*Sciurus carolinensis*)

1.2.2. Uses advised against

Do not use in areas where Red Squirrels are present.

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 contact National Poisons Information Service on 0344 892 0111.

Non-medical medical professionals should contact NHS Direct on 111.

SECTION 2: Hazards identification

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

Repro. Tox. 1A

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]



Signal word: Danger
Hazard statements: H360D May damage the unborn child.
Precautionary Statements: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P280: Wear protective gloves.

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P308+P313: IF exposed or concerned: Get medical advice/attention.
P405: Store locked up.
P501: Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

n/a

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No 1272/2008 [CLP] | |
|--|--|------|--|---|
| Warfarin (ISO) 4-hydroxy-3-(3-oxo-1-phenylbutyl)-2H-chromen-2-one | CAS: 81-81-2 EC: 201-377-6 Index: 607-056-00-0 | 0.02 | Repro. Tox. 1A Acute Tox. 2 Acute Tox. 1 STOT RE 1 Aquatic Chronic 2 | H360D H300 H310, H330 H372 H411 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General measures:

First-aid measures after inhalation: Remove to fresh air. Get immediate medical attention.

First-aid measures after skin contact: Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

First-aid measures after ingestion: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting.

Eye contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes examined and tested by medical personnel.

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

General symptoms: Delayed or acute spontaneous haemorrhage from the nose and internal organs may occur.

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

ADVICE FOR DOCTORS: This product contains warfarin an anticoagulant. Vitamin K1 (phytomenadione)1020mg orally (pro rata for children). Repeat daily until prothrombin time returns to normal. In severe cases, transfusion of fresh, frozen plasma or blood may be indicated together with vitamin K1. In some cases, symptoms may reappear if treatment is stopped prematurely.

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Prothrombin time should be monitored for 2 weeks after stopping vitamin K1.
Confirmation of diagnosis: By estimating prothrombin time.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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 mixture

Fire hazard: Formation of toxic gases is possible during heating or in case of fire.

5.3. Advice for firefighters

Protection during firefighting: Wear self-contained breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Personnel dealing with accidental spills and release of the mixture should wear personal protective equipment described in section 8.

6.2. Environmental precautions

In case of accidental spills keep away from drains, surface and ground water.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Carefully sweep up spilled material avoiding dust formation. Place in marked receptacle ready for disposal. Contact supplier for advice on disposal. See also section 13.

6.4. Reference to other sections

See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7. SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Use appropriate personal protective equipment. (See section 8). Open and handle contents with care. Wash hands and exposed skin after use. Dispose contaminate PPE and packaging appropriately. (See Section13).

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool dry place. Store only in the original packaging. Keep container in a well-ventilated place. Keep away from sources of ignition and heat. Store away from foodstuffs. Keep storage under lock. Keep away from reach of children and pets.

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7.3. Specific end use(s)

For indoor control of Grey Squirrel only. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Not required.

8.2. Exposure controls

On completion of a risk assessment the following PPE may be required:

- | | |
|-------------------------|---|
| Hand protection: | Rubber or Nitrile gloves complying to EN 374 standard. |
| Eye protection: | Wear tightly sealed goggles complying to EN 166 standard. |
| Respiratory protection: | In case of brief exposure use a respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device complying to EN 149 standard. |

Environmental exposure controls: information not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid
Colour: green
Odour: Characteristic wheat odour
Odour threshold: information not available.
pH: n/a
Relative evaporation rate: n/a
Melting point: n/a
Freezing point: n/a
Boiling point: n/a
Flash point: n/a
Auto-ignition temperature: not determined.
Decomposition temperature: not determined.
Flammability (solid, gas): no
Vapour pressure: n/a
Relative density: n/a
Density: not determined
Solubility: active substance is soluble in water.
Log Pow: not determined.
Viscosity, kinematic: not determined.
Viscosity, dynamic: not determined.
Explosive properties: not determined.
Oxidising properties: not determined.
Explosive limits: not determined.

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9.2. Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions. Formation of toxic gases is possible during heating or in case of fire.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Heat and sources of ignition.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

Formation of toxic gases is possible during heating or in case of fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

The toxicological effects reported under this section relate to Warfarin (CAS 81-81-2), the active ingredient. No testing has been carried out on the product (Grey Squirrel Bait 0.02% w/w Warfarin).

Acute toxicity: Fatal if swallowed, in contact with skin or if inhaled.

| Warfarin (CAS 81-81-2) | | |
|------------------------|--------------------------------|---------------------|
| Oral | LD ₅₀ | 1.6 mg/kg (rat) |
| Dermal | LD ₅₀ | 40 mg/kg (rat) |
| Inhalation | LC ₅₀ (4h exposure) | < 0.005 mg/ L (rat) |

Skin corrosion/irritation: non- irritant.

Serious eye damage/irritation: non- irritant.

Respiratory or skin sensitisation: not sensitising.

Germ cell mutagenicity: based on available data the classification criteria not met.

Carcinogenicity: No evidence of carcinogenicity (based on human data).

Reproductive toxicity: May damage the unborn child.

STOT-repeated exposure: Causes damage to the blood.

Aspiration hazard: information unavailable due to lack of data.

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SECTION 12: Ecological information

12.1. Toxicity

| Aquatic toxicity Warfarin (CAS 81-81-2) | | | | |
|---|------------------|---------------|-----------------------------------|----------------|
| Test | Value | Exposure time | Species | Organism |
| LC ₅₀ | 12 mg/L | 96 h | <i>Rasbora heteromorpha</i> | Harlequin Fish |
| NOEC | 2 mg/L | 21 days | <i>Oncorhynchus mykiss</i> | Rainbow Trout |
| EC ₅₀ | 0.288 ± 0.007 mM | 24 h | | Daphnia magna |
| EC ₅₀ | > 83.2 mg/L | 72 h | <i>Desmodesmus subspicatus</i> | Algae |
| EC ₅₀ | 219 µmol/L | 5 min. | <i>Photobacterium phosphoreum</i> | Bacterium |

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

At the end of the treatment, dispose of uneaten bait and packaging in accordance with local requirements. For more information on disposal contact the Environment Agency (<http://www.environment-agency.gov.uk>)

SECTION 14: Transport information

In accordance with ADR/IMDG/IATA/AND/RID

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es).

Not applicable

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14.4. Environmental hazards

Dangerous for the environment: Not applicable

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

SECTION 15: Regulatory information

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

This product has been classified in accordance with Regulation (EC) No 1272/2008 (CLP) and (EC) Number 1907/2006 (REACH).

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Full text of H – and EUH-statements

| | |
|-------|---|
| H360D | May damage the unborn child. |
| H300 | Fatal if swallowed. |
| H310 | Fatal in contact with skin. |
| H330 | Fatal if inhaled. |
| H372 | Causes damage to blood through prolonged or repeated exposure |
| H411 | Toxic to aquatic life with long lasting effects. |

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 safety data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. No liability will be accepted by Killgerm Chemicals Limited or its subsidiaries 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.

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