



PRODUCT AND COMPANY IDENTIFICATION

Trade Name	Sorex Brodifacoum Rat and Mouse Bait
Product Code	BROD83000
Intended Use	FOR USE ONLY AS A RODENTICIDE Approved under The Control of Pesticides Regulations 1986 for the indoor control of rats and mice. Health and Safety Executive HSE 6706
Appearance	A purple cut wheat bait of granular consistency.
Manufacturer/Supplier	Sorex Limited
Address	St. Michael's Industrial Estate Widnes, Cheshire, WA8 8TJ
Phone Number	+44 (0) 151-420 7151
Fax Number	+44 (0) 151-495 1163

COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product for EC

Component Name	CAS No.	Concentration	R Phrases	Classification
Brodifacoum Technical Material	56073-10-0	0.002%	R26/27/28, R48/25	T+, T

R26/27/28 Very toxic by inhalation, in contact with skin and if swallowed.

R48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.

T - Toxic

T+ - Very toxic

PRODUCT HAZARD IDENTIFICATION

Main Hazards

Not classified as hazardous.

Large quantities would need to be ingested to produce a toxic effect. Avoid all contact by mouth.

Practically non-hazardous by skin contact.

This product contains brodifacoum, 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.

FIRST AID MEASURES

First Aid - Eyes

Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

First Aid - Skin

Wash skin with soap and water.

First Aid - Ingestion

Wash out mouth with water. Do not induce vomiting. Obtain medical attention.

First Aid - Inhalation

Remove from exposure. Obtain medical advice if symptoms develop.

FIRST AID MEASURES (continued)**Advice to Physicians**

Brodifacoum is an indirect anticoagulant. Vitamin K1 (phytomenadione) is antidotal. In the case of suspected poisoning, determine prothrombin time not less than 18 hours after consumption. If elevated, administer vitamin K1, 40 mg/day in divided doses, and continue until prothrombin times normalise. Continue determination of prothrombin time for three days after withdrawal of the antidote and resume treatment if elevation occurs in that time. For comprehensive medical advice on the treatment of poisoning, contact the nearest Poisons Information Centre or Sorex Limited.

FIRE FIGHTING MEASURES**General Hazard**

This product is non-flammable, but is combustible.

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.

**Protective Equipment
for Fire-Fighting**

Wear self contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES**Spillages**

Any spillages should be cleared up immediately and disposed of safely. Wash contaminated surfaces with detergent solution.

HANDLING AND STORAGE**Handling**

This product is subject to the Food and Environment Protection Act, 1985, and The Control of Pesticides Regulations, 1986, made under it. The product must be used and stored only in accordance with the product label. Refer also to the section 'Exposure Controls/Personal Protection'.

Avoid contact with eyes, skin and clothing.

Storage

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

EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Standards**

Brodifacoum Technical Material None assigned.

Exposure controls should be implemented with due regard to the hierarchy of controls (elimination, substitution, local exhaust ventilation, operating procedures and Personal Protective Equipment (PPE)) as required by The Control of Substances Hazardous to Health (COSHH) Regulations. PPE should only be used as a last resort where exposure cannot be controlled by other means.

EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**Hand Protection**

Although gloves are not required for the safe use of the product, they are recommended for protection against rodent-borne diseases.

PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

A cut wheat bait of granular consistency.

Colour

Purple.

Odour

No significant odour.

Flammability

Not flammable.

Solubility in Water

Insoluble.

Density

ca. 0.74.

Explosive Properties

None.

Oxidising Properties

None.

STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Hazardous Decomposition Products

Hazardous decomposition products are not expected to be formed during normal storage.

TOXICOLOGICAL INFORMATION**Acute Toxicity**

Oral LD50 (rat) 13500mg/kg.

Irritancy - Eyes

Not an eye irritant.

Irritancy - Skin

Not a skin irritant.

Skin Sensitisation

No known reports of skin sensitisation.

ECOLOGICAL INFORMATION**Ecotoxicity**

This product is hazardous to mammals including domesticated animals, and birds if ingested. Exposure of non-target animals should be prevented.

DISPOSAL**Product Disposal**

The best means of disposal of any product is through proper use according to the label. Incineration is the recommended method of disposal.

Container Disposal

Do not dispose of the pack in domestic refuse. Empty completely, puncture or crush, and dispose of safely.



TRANSPORT INFORMATION

Non-hazardous for transport.

REGULATORY INFORMATION

Intended Use

FOR USE ONLY AS A RODENTICIDE

Approved under The Control of Pesticides Regulations 1986 for the indoor control of rats and mice.

Approval Number: MAFF 07758

Precautions Phrases

For the Statutory Conditions Relating to Use please refer to the product label.

FOR USE ONLY AS A RODENTICIDE

DO NOT USE OUTDOORS.

AVOID ALL CONTACT BY MOUTH.

WASH HANDS AND EXPOSED SKIN before meals and after work.

PREVENT ACCESS TO THE BAITS by children, birds and other animals, particularly dogs, cats and pigs.

DO NOT USE BAIT where food, feed or water could become contaminated.

REMOVE ALL REMAINS OF BAIT and bait containers after treatment and burn.

SEARCH FOR AND BURN ALL RODENT BODIES. DO NOT PLACE in refuse bins or on rubbish tips.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place under lock and key.

EMPTY CONTAINER COMPLETELY and dispose of safely.

IN CASE OF ACCIDENTAL CONSUMPTION, contact a doctor and show this label.

OTHER INFORMATION

For use only as specified on the label.

This product must not be sold to, or used by farmers, gamekeepers or amateur users.

The information in this data sheet should be considered when undertaking a risk assessment under the COSHH regulations. A data sheet does not constitute a COSHH assessment.

This product contains Bitrex and warning dyes.

Bitrex is a human taste deterrent. It is included at a concentration that is repulsive to human taste but is not detected by rats or mice.

(Bitrex is a Trade Mark of MacFarlan Smith, Edinburgh)

This data sheet was prepared in accordance with the European Directive 93/112/EC.