



01. 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
Email enquiries@sorex.com

02. 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.

03. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product for EC

Component Name	CAS No.	Concentration	Classification
Brodifacoum Technical Material	56073-10-0	0.002%	T+;R26/27/28, T;R48/23/24/25, N;R50/53
T	Toxic.		
T+	Very toxic.		
N	Dangerous to the Environment.		
R26/27/28	Very toxic by inhalation, in contact with skin and if swallowed.		
R48/23/24/25	Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.		
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.		

04. 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



SAFETY DATA SHEET
Sorex Brodifacoum Rat and Mouse Bait

symptoms develop.

FIRST AID MEASURES (continued)

Advice to Physicians

Brodifacoum is an indirect anticoagulant. Vitamin K1 (phytomenadione) is antidotal. Other forms of Vitamin K are not effective.

In the case of suspected poisoning, determine prothrombin time up to 48 hours after exposure. If elevated, administer Vitamin K1, 10-20 mg (0.25mg/kg for children) by slow intravenous injection, and continue until prothrombin time stabilises. Continue treatment with an oral Vitamin K1 dose of 10 mg four times per day until the prothrombin time has remained normal for three days. Further treatment, an oral dose of 10 mg twice daily, may be required for up to several months. Prothrombin time should be checked 24-hours, 3 days and 1 week after the last dose of Vitamin K1 before a decision is made to stop treatment.

05. FIRE FIGHTING MEASURES

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.

06. ACCIDENTAL RELEASE MEASURES

Spillages

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

07. HANDLING AND STORAGE

Handling

The product must be used only in accordance with the label.
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.

08. 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.

Hand Protection

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

09. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	A cut wheat bait of granular consistency.
<i>Colour</i>	Purple.
<i>Odour</i>	No significant odour.
<i>Flammability</i>	Not flammable.
<i>Solubility in Water</i>	Insoluble.
<i>Density</i>	ca. 0.74.
<i>Explosive Properties</i>	None.
<i>Oxidising Properties</i>	None.

10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Hazardous Decomposition Products</i>	Hazardous decomposition products are not expected to be formed during normal storage.

11. TOXICOLOGICAL INFORMATION

<i>Acute Toxicity</i>	Oral LD50 (rat) 13500mg/kg.
<i>Irritancy - Eyes</i>	Not an eye irritant.
<i>Irritancy - Skin</i>	Not a skin irritant.
<i>Skin Sensitisation</i>	No known reports of skin sensitisation.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL

<i>Product Disposal</i>	The best means of disposal of any product is through proper use according to the label. Incineration is the recommended method of disposal.
<i>Container Disposal</i>	Do not dispose of the pack in domestic refuse. Empty completely, puncture or crush, and dispose of safely.

14. TRANSPORT INFORMATION

Non-hazardous for transport.

15. 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: HSE 6706

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.

Harmful to wildlife.

Wild mammals and birds may be at greater risk if this product is not used in accordance with the label.

Avoid all contact by mouth.

Wash hands and exposed skin before meals and after work.

Prevent access to the bait 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 dispose of safely.

Search for rodent bodies at frequent intervals during treatment and dispose of safely.

This material and its container must be disposed of in a safe way. Any disposal must comply with Local and National Requirements.

Store in original container, tightly closed, in a safe place under lock and key.

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

16. 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.

This product contains a human taste deterrent and warning dyes. The human taste deterrent is included at a concentration that is repulsive to human taste but is not detected by rats or mice.

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

This data sheet was prepared in accordance with the European Directive 91/155/EEC as amended by 93/112/EC and 2001/58/EC.

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