



## PRODUCT AND COMPANY IDENTIFICATION

<b>Trade Name</b>	Sorex Brodifacoum Bait Blocks
<b>Product Code</b>	BROD83210
<b>Intended Use</b>	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 6705
<b>Appearance</b>	A purple, wax-bound pillow shaped 20g block.
<b>Manufacturer/Supplier Address</b>	Sorex Limited St. Michael's Industrial Estate Widnes, Cheshire, WA8 8TJ
<b>Phone Number</b>	+44 (0) 151-420 7151
<b>Fax Number</b>	+44 (0) 151-495 1163

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## COMPOSITION/INFORMATION ON THE COMPONENTS

### Hazardous Components in Product for EC

Component Name	CAS No.	Concentration	Classification
1. Brodifacoum Technical Material	56073-10-0	0.002%	T+;R26/27/28, T;R48/23/24/25, N;R50/53
N	Dangerous to the Environment.		
T	Toxic		
T+	Very toxic.		
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.		

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## 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.

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## FIRST AID MEASURES

<b>First Aid - Eyes</b>	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
<b>First Aid - Skin</b>	Wash skin with soap and water.
<b>First Aid - Ingestion</b>	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
<b>First Aid - Inhalation</b>	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. 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.

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**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.

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**ACCIDENTAL RELEASE MEASURES*****Spillages***

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

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**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.

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**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.

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**PHYSICAL AND CHEMICAL PROPERTIES**

<i>Physical State</i>	A briquette-shaped wax-bound block, approximately 20g in weight.
<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. 1.2.
<i>Explosive Properties</i>	None.
<i>Oxidising Properties</i>	None.

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**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.

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**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.

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**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.
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**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.

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**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: HSE 6705

### ***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.

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## **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.

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