



PRODUCT AND COMPANY IDENTIFICATION

Trade Name	Sorex Brodifacoum Sewer Bait Sachets
Product Code	BROD83100S
Intended Use	FOR USE ONLY AS A RODENTICIDE IN SEWERS AND COVERED DRAINS. Approved under The Control of Pesticides Regulations 1986 for the control of rats in sewers and covered drains. Health and Safety Executive HSE 6708
Appearance	A green cut wheat bait of granular consistency, packed in a 50g sachet.
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	0.005%	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 MEASURES (continued)

First Aid - Inhalation Remove from exposure. Obtain medical advice if symptoms develop.

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.



SAFETY DATA SHEET
Sorex Brodifacoum Sewer Bait Sachets

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, sachet packed.

Colour Green.

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) 5400mg/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

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Approval Number: MAFF 07761

Precautions Phrases

For the Statutory Conditions Relating to Use please refer to the product label.
FOR USE ONLY AS A RODENTICIDE IN SEWERS AND COVERED DRAINS
DO NOT USE OUTDOORS.
AVOID ALL CONTACT BY MOUTH.
WASH HANDS AND EXPOSED SKIN before meals and after work.
KEEP AWAY FROM FOOD DRINK AND ANIMAL FEEDING STUFFS.
PREVENT ACCESS TO THE BAITS by children, birds and other animals, particularly dogs, cats and pigs.
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 or occupiers of industrial or commercial premises who carry out their own pest control.

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.