

Barrettine

SAFETY DATA SHEET

Romax Venom Brodifablock

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME Romax Venom Brodifablock
 PRODUCT NO VBBROD5
 APPLICATION Rodenticide
 MARKETING COMPANY Barrettine Environmental Health
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2. HAZARDS IDENTIFICATION

HAZARD DESCRIPTION:

Not dangerous product

INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN AND ENVIRONMENT:

The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

To avoid risks to man and the environment, comply with the instruction for use.





CLASSIFICATION SYSTEM:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION

DESCRIPTION: Mixture of substances listed below with non-hazardous additions

ANGEROUS COMPONENTS			
CAS:56073-10-0 EINECS: 259-980-5	Brodifacoum	 T+,  N; R 27/28-48/24/25-50/53	0.005%
CAS 3734-33-6 EINECS: 223-095-2	Dentionium Benzoate	 Xn,  Xi; R 20/22-38-41-52/53	0.001%

Additional information: For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

GENERAL INFORMATION:

No Special measures required.

AFTER INHALATION:

Supply fresh air; consult doctor in case of complaints.

AFTER SKIN CONTACT:

Generally the product does not irritate the skin.

AFTER EYE CONTACT:

Rinse opened eye for several minutes under running water.

AFTER SWALLOWING:

Seek medical treatment. Show the container, label or the safety date sheet of the product.

INFORMATION FOR DOCTOR:

Brodifacoum is an indirect anticoagulant. Phytomenadione, Vitamin K1 is antidotal. Determine prothrombin times not less than eighteen hours after consumption. If elevated, administer Vitamin K1 until prothrombin time normalizes. Continue determination of prothrombin times for two weeks after withdrawal of antidote and resume treatment if elevation occurs in that time.

TREATMENT:

The antidote is Vitamin K1.

5. FIRE-FIGHTING MEASURES**SUITABLE EXTINGUISHING AGENTS:**

CO2 powder or water spray, Fight larger fires with water spray or alcohol resistant foam.

PROTECTIVE EQUIPMENT:

No special measures require.

6. ACCIDENTAL RELEASE MEASURES**PERSON-RELATED SAFETY HANDLING:**

Not required

MEASURES FOR ENVIRONMENTAL PROTECTION:

Do not allow to enter sewers/surface or ground water.

MEASURES FOR CLEANING/ COLLECTING:

Pick up mechanically.

ADDITIONAL INFORMATION:

No dangerous substances are released.

7. HANDLING AND STORAGE**HANDLING****INFORMATION FOR SAFE HANDLING:**

No special measures required.

INFORMATION ABOUT FIRE-AND EXPLOSION PROTECTION:

No special measures required.

STORAGE**REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES:**

No special requirements.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY:

Not required.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS:

None.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL FACILITIES:**

No further data; see item 7

INGREDIENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

ADDITIONAL INFORMATION:

The lists valid during making were used as basis.

PERSONAL PROTECTIVE EQUIPMENT**GENERAL PROTECTIVE AND HYGIENIC MEASURES:**

The usual precautionary measures are to be adhered to when handling chemicals.

RESPIRATORY PROTECTION:

not required

PROTECTION OF HANDS:

The glove material has to be impermeable and resistant to the product/substance/preparation. Due to missing testes no recommendation to the glove material can be given for the product/preparation/chemical mixture. Selection of the glove material on consideration of the penetrations times, rates of diffusion and the degradation.

MATERIAL OF GLOVES:

The selection of the suitable gloves does not only depend on the material, but also on the further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

PENETRATION TIME OF GLOVE MATERIAL:

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

EYE PROTECTION:

not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION	
FORM:	Solid
COLOUR:	Blue
ODOUR:	Characteristic
CHANGE IN CONDITION	
MELTING POINT/MELTING RANGE:	Undetermined
BOILING POINT/ BOILING RANGE:	Undetermined.
FLASH POINT:	Not applicable
SELF-IGNITING:	Product is not self igniting.
DANGER OF EXPLOSION:	Product does not present an explosion hazard.
DENSITY:	Not determined
SOLUBILITY IN/ MISCIBILITY WITH WATER:	Insoluble
SOLVENT CONTENT:	0.0%
SOLIDS CONTENT:	100.0%

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:

No decomposition if used according to specifications.

DANGEROUS REACTIONS:

No dangerous reactions known.

DANGEROUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

LD/LC50 VALUES RELEVANT FOR CLASSIFICATION:		
56073-10-0 brodifacoum		
Oral	LD50	0.4 mg/kg (rat) male rat 0.2 mg/kg (rabbit) male rabbit
Dermal	LD50	0.25-063 mg/kg (rat)
3734-33-6 dentonium benzoate		
Oral	LD50	749 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)
Inhalative	LD50/4h	0.2 mg/l (rat)
PRODUCT		
Oral	LD50	>2500 mg/kg (rat) Female rat – OECD method n. 423

PRIMARY IRRITANT EFFECT

ON THE SKIN:

no irritant effect

ON THE EYE:

no irritant effect

SENSITISATION:

no sensitising effects known

ADDITIONAL TOXICOLOGICAL INFORMATION:

The product is no subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

ECOTOXICAL EFFECTS

AQUATIC TOXICITY:
56073-10-0 brodifacoum

LC50/96h		0.165 mg/l (bluegill sunfish) 0.051 mg/l (rainbow trout)
Other information 56073-10-0 brodifacoum		
Oral	LD50	4.5 mg/kg (chicken) 0.31 mg/kg (mallard duck) 11.6 mg/kg (Japanese quail)

GENERAL NOTES

WATER HAZARD CLASS 1 (GERMAN REGULATION) (SELF-ASSESSMENT):

Slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

**PRODUCT
RECOMMENDATION**

FOR AMATEUR USE:

Collect and dispose of the remains of bait and any remaining rodent bodies after treatment. All waste should be double-bagged using bin liners or similar before disposal in a bin with a secure lid to prevent accidental poisoning of dogs, cats, birds, foxes, and other wildlife or by contacting either a specialist contractor or Local Authority where waste bins are not provided. Do not dispose of in any other way.

FOR PROFESSIONAL USE:

Collect and dispose of the remains of bait and any remaining rodent bodies after treatment (unless used in sewers). You must ensure that you comply with legislation regarding the correct disposal of waste. For further guidance, contact the Environment Agency or your local Scottish Environment Protection Agency (SEPA) office.

UNCLEAN PACKAGING

RECOMMENDATION:

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Land Transport ADR/RID (cross-border)

ADR/RID Class: -

Maritime transport IMDG:

IMDG Class -

Marine Pollutant: NO

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

15. REGULATORY INFORMATION

LABELLING ACCORDING TO EU GUIDELINES

FOR AMATEUR USE:

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance of Hazardous Materials (German GefStoffV).

SPECIAL LABELLING OF CERTAIN PREPARATIONS:

To avoid risks to man and the environment, comply with the instructions for use.

NATIONAL REGULATIONS

OTHER REGULATIONS, LIMITATIONS AND PROHIBITIVE REGULATIONS:

AVOID ALL CONTACT BY MOUTH. PREVENT ACCESS TO BAIT by children, birds, and non-target animals (particularly dogs, cats, pigs and poultry.) HARMFUL TO WILDLIFE. DO NOT PLACE BAIT where food, feed or water could be contaminated. This product contains substances which are known to be hazardous to the environment. Do not contaminate ground, water bodies or watercourses with chemicals or used container.

Wild mammals and birds may be at greater risk if this product is not used in accordance with the label. IF YOU FEEL UNWELL, seek medical advice (show the label where possible). WASH HANDS AND EXPOSED SKIN before meals and after use. Keep only in the original container. Keep container tightly closed. STORE UNUSED SACHETS in a safe place. DO NOT STORE part used sachets. KEEP IN A SAFE PLACE. EMPTY CONTAINER COMPLETELY and dispose of safely.

FOR USE ONLY AS AN AMATEUR/PROFESSIONAL RAT AND MOUSE KILLER INDOORS AND OUTDOORS.

READ ALL PRECAUTIONS BEFORE USE HSE No 8932

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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RELEVANT R-PHRASES

20/22	Harmful by inhalation and if swallowed
27/28	Very toxic if in contact with skin and if swallowed.
38	Irritating to skin
41	Risk of serious damage to eyes
48/2425 swallowed.	Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SOURCES

1. 1999/4/EC Directive, 2006+/8/EC Directive and following amendments
2. 67/548/EEC Directive and following amendments
3. 91/155/EEC Directive and following amendments
4. The Merck Index Ed. 10
5. The E-Pesticide Manual 2.1 Version (2001)
6. Regulation (EC) No. 1907/2006 and following amendments