

SAFETY DATA SHEET

ROMAX VENOM FRESH BAIT

Page: 1

Compilation date: 18/06/2019

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: ROMAX VENOM FRESH BAIT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Rodenticide. Biocidal product: PT14 Advised against any other use than those identified.

1.3. Details of the supplier of the safety data sheet

Company name: J.V. Barrett & Co Ltd
Barrettine Environmental Health Ltd
St Ivel Way
Warmley
Bristol
BS30 8TY
United Kingdom

Tel: +44 (0) 1179 672222

Fax: +44 (0) 1179 614122

Email: beh@barrettine.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1179 672222 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.) +44 (0) 1270 502891 (Out of hours emergency number)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT RE 2: H373

Most important adverse effects: May cause damage to organs (blood) through prolonged or repeated exposure.

2.2. Label elements

Label elements:

Hazard statements: H373: May cause damage to organs (blood) through prolonged or repeated exposure.

Hazard pictograms: GHS08: Health hazard



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SAFETY DATA SHEET

ROMAX VENOM FRESH BAIT

Page: 2

Signal words: Warning

Precautionary statements: P260: Do not breathe dust/fume/vapours.
P314: Get medical advice/attention if you feel unwell.
P501: Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

4-HYDROXY-3-(3-(4'-BROMO-4-BIPHENYLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)COUMARIN

EINECS	CAS	PBT / WEL	CLP Classification	Percent
259-980-5	56073-10-0	-	Repr. 1B: H360D; Acute Tox. 1: H330; Acute Tox. 1: H300; STOT RE 1: H372; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 3: H311	<0.3%

Non-classified ingredients:

DENATONIUM BENZOATE - REACH registered number(s): 01-2120102843-65-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
223-095-2	3734-33-6	-	Acute Tox. 4: H302+H332; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	<0.3%

Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Get medical attention promptly if symptoms occur after washing.
- Eye contact:** Bathe the eye with running water for 15 minutes. Get medical attention promptly if symptoms occur after washing.
- Ingestion:** If swallowed, seek medical advice immediately and show this container or label. Wash out mouth with water. Do not induce vomiting.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Get medical attention if irritation persists or develops.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

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SAFETY DATA SHEET

ROMAX VENOM FRESH BAIT

Page: 3

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Onset of symptoms may be delayed by a few hours.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Symptoms of poisoning may only appear several hours later.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: This product contains an anticoagulant substance. If ingested, symptoms, which may be delayed, may include nosebleed and bleeding gums. In severe cases there may be bruising and blood present in the faeces or urine. Determine prothrombin time not less than 18 hours after consumption. If elevated, administer Vitamin K1 until prothrombin time normalises. Continue determination of prothrombin time for two weeks after withdrawal of antidote and resume treatment if elevation occurs in that time.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Carbon dioxide. Use water spray to cool containers. Alcohol resistant foam. Do not use high pressure water jet as this may spread burning material.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Contain the spread of the firefighting media. Do not allow run-off from firefighting to enter drains or water courses.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific

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SAFETY DATA SHEET

ROMAX VENOM FRESH BAIT

Page: 4

substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): PC8: Biocidal products (e.g. Disinfectants, pest control).

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

4-HYDROXY-3-(3-(4'-BROMO-4-BIPHENYLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)COUMARIN

Type	Exposure	Value	Population	Effect
PNEC	Soil (agricultural)	>0.88 mg/kg	-	-
PNEC	Fresh water sediments	>0.0038 mg/l	-	-
PNEC	Marine sediments	>0.00004 mg/l	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves. PVC gloves. Butyl gloves.

Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

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SAFETY DATA SHEET

ROMAX VENOM FRESH BAIT

Page: 5

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Blue

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: No data available.

Boiling point/range°C: No data available.

Melting point/range°C: 25-45

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: No data available.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: No data available.

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Flames. Extreme temperature.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

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SAFETY DATA SHEET

ROMAX VENOM FRESH BAIT

Page: 6

Hazardous ingredients:

4-HYDROXY-3-(3-(4'-BROMO-4-BIPHENYLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)COUMARIN

ORL	MUS	LD50	290	µg/kg
ORL	RAT	LD50	160	µg/kg
SKN	RAT	LD50	200	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
STOT-repeated exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Onset of symptoms may be delayed by a few hours.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Symptoms of poisoning may only appear several hours later.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

4-HYDROXY-3-(3-(4'-BROMO-4-BIPHENYLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)COUMARIN

BIRD (Mallard duck)	LD50	0.31	mg/kg
BIRD (Reproductive Toxicity)	NOEC	0.0038	mg/kg
Daphnia magna	48H EC50	0.25	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	0.04	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	6H EC10	0.0038	mg/l

DENATONIUM BENZOATE

ALGAE	72H ErC50	556	mg/l
FISH	96H LC50	100	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

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SAFETY DATA SHEET

ROMAX VENOM FRESH BAIT

Page: 7

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Avoid release to the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Disposal of contaminated packaging as unused product unless fully cleaned.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H300: Fatal if swallowed.

H302+H332: Harmful if swallowed or if inhaled

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H330: Fatal if inhaled.

H360D: May damage the unborn child.

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SAFETY DATA SHEET

ROMAX VENOM FRESH BAIT

Page: 8

H372: Causes damage to organs through prolonged or repeated exposure.

H373: May cause damage to organs (blood) through prolonged or repeated exposure.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.