

SAFETY DATA SHEET

ROMAX VENOM PASTE

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Compilation date: 13/03/2017

Revision date: 19/01/2018

Revision No: 2

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

1.1. Product identifier

Product name: ROMAX VENOM PASTE

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

Use of substance / mixture: Rodenticide.

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: Repr. 1A: H360FD; STOT RE 2: H373

Most important adverse effects: May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Label elements:

Hazard statements: H360FD: May damage fertility. May damage the unborn child.

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

Hazard pictograms: GHS08: Health hazard

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Signal words: Danger

Precautionary statements: * P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves.

P308+313: IF exposed or concerned: Get medical advice/attention.

P405: Store locked up.

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

Other hazards: * This product contains an anticoagulant compound. If large quantities are ingested, nosebleed and bleeding gums may occur. In severe cases there may be bruising, haematomas of the joints and blood present in faeces and urine.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

STARCH - REACH registered number(s): ANNEX IV EXEMPT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
232-679-6	9005-25-8	Substance with a Community workplace exposure limit.	-	10-30%

SUCROSE - REACH registered number(s): EXEMPT FROM ANNEX IV

200-334-9	57-50-1	Substance with a Community workplace exposure limit.	-	1-10%
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2,6-DI-TERT-BUTYL-P-CRESOL - REACH registered number(s): 01-2119480433-40-XXX

204-881-4	128-37-0	-	Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<0.1%
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4-HYDROXY-3-(3-(4'-BROMO-4-BIPHENYLYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)COUMARIN

259-980-5	56073-10-0	-	Acute Tox. 1: H310; Acute Tox. 2: H300; STOT RE 1: H372; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<0.1%
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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. Wash

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immediately with plenty of soap and water. 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: Wash out mouth with water. Do not induce vomiting. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

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.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Antidote Vitamin K1. 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. Water fog. Do not use water jet

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Toxic. 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. Do not create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: 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 exhaust ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from food, drink and animal feeding stuffs. Keep container tightly closed. Protect from frost. Protect from humidity and water.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

STARCH

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	4 mg/m ³	-

SUCROSE

UK	10 mg/m ³	20 mg/m ³	-	-
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2,6-DI-TERT-BUTYL-P-CRESOL

UK	10 mg/m ³	-	-	-
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DNEL/PNEC Values

Hazardous ingredients:

2,6-DI-TERT-BUTYL-P-CRESOL

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.000199 mg/l	-	-
PNEC	Marine water	0.00002 mg/l	-	-
PNEC	Microorganisms in sewage treatment	0.17 mg/l	-	-

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PNEC	Fresh water sediments	0.0996 mg/kg	-	-
PNEC	Marine sediments	0.00996 mg/kg	-	-
PNEC	Soil (agricultural)	0.04769 mg/kg	-	-
DNEL	Oral (repeated dose)	0.25 mg/kg bw/d	General Population	Systemic
DNEL	Dermal (repeated dose)	0.5 mg/kg bw/d	Workers	Systemic
DNEL	Dermal (repeated dose)	0.25 mg/kg bw/d	General Population	Systemic
DNEL	Inhalation (repeated dose)	3.5 mg/m3	Workers	Systemic
DNEL	Inhalation (repeated dose)	0.86 mg/m3	General Population	Systemic

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 exhaust ventilation of the area.

Respiratory protection: Not generally required under normal use conditions.

Hand protection: Protective gloves.

Eye protection: Not generally required under normal use conditions.

Skin protection: Protective clothing.

Environmental: Avoid release to the environment

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid

Colour: Blue

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Insoluble

Viscosity: Not applicable.

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

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

Autoflammability°C: Not applicable.

Vapour pressure: Not applicable.

Relative density: 1.1788

pH: 6.7

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

[cont...]

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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.

10.4. Conditions to avoid

Conditions to avoid: Under standard handling and storing conditions, the product does not show any dangerous reaction.

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SUCROSE

ORAL	RAT	LD50	29700	mg/kg
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2,6-DI-TERT-BUTYL-P-CRESOL

DERMAL	RAT	LD50	>2000	mg/kg
DUST/MIST	MUS	RD50	59.7	ppmV
ORAL	RAT	LD50	>2930	mg/kg

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
Reproductive toxicity	--	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated

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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.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: This product contains an anticoagulant compound. If large quantities are ingested, nosebleed and bleeding gums may occur. In severe cases there may be bruising, haematomas of the joints and blood present in faeces and urine.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

2,6-DI-TERT-BUTYL-P-CRESOL

Daphnia magna	48H EC50	0.61	mg/l
Scenedesmus Subspicatus	72H IC50	0.4	mg/l

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

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

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

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. Toxic to mammals, including domesticated animals and birds if ingested. Exposure of non-target animals should be prevented.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

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Waste code number: 20 01 19

Disposal of packaging: Disposal of in accordance with applicable regional, national, local laws and regulations.
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: This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

Phrases used in s.2 and s.3: H300: Fatal if swallowed.
H310: Fatal in contact with skin.
H360FD: May damage fertility. May damage the unborn child.
H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H400: Very toxic to aquatic life.
H410: Very toxic 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.