

SAFETY DATA SHEET

ROMAX RAT CP

Page: 1

Compilation date: 17/10/2017

Revision date: 19/04/2018

Revision No: 3

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

1.1. Product identifier

Product name: ROMAX RAT CP

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

Use of substance / mixture: * To be used only by professional users holding certification demonstrating compliance with UK rodenticide stewardship regime requirements.

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: Acute Tox. 4: H302; Repr. 1B: H360D; Aquatic Chronic 3: H412; -: EUH401

Most important adverse effects: Harmful if swallowed. May damage the unborn child. Harmful to aquatic life with long lasting effects. To avoid risks to human health and the environment, comply with the instructions for use.

SAFETY DATA SHEET

ROMAX RAT CP

Page: 2

2.2. Label elements

Label elements:

Hazard statements: H302: Harmful if swallowed.
H360D: May damage the unborn child.
H412: Harmful to aquatic life with long lasting effects.
EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

Hazard pictograms: GHS07: Exclamation mark
GHS08: Health hazard



Signal words: * Danger

Precautionary statements: P201: Obtain special instructions before use.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P308+311: IF exposed or concerned: Call a POISON CENTER/doctor/physician.
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: Because of antivitamin K properties of the active ingredient, absorption can inhibit blood coagulation and cause haemorrhagic syndrome.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

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

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-334-9	57-50-1	Substance with a Community workplace exposure limit.	-	1-10%

COUMATETRALYL

227-424-0	5836-29-3	-	Acute Tox. 1: H310; Acute Tox. 2: H300; STOT RE 1: H372; Aquatic Chronic 3: H412	<0.1%
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Contains: Coumateralyl 0.0375 % w/w.

Section 4: First aid measures

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SAFETY DATA SHEET

ROMAX RAT CP

Page: 3

4.1. Description of first aid measures

- Skin contact:** Wash immediately with plenty of soap and water. If available polyethyleneglycol 400, subsequently rinse with water. Consult a doctor.
- Eye contact:** Bathe the eye with running water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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 mild irritation at the site of contact.
- Eye contact:** There may be irritation and redness.
- Ingestion:** * There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting. There may be internal and external bleeding.
- Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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: * Because of antivitamin K properties of the active ingredient, absorption can inhibit blood coagulation and cause haemorrhagic syndrome. Antidote Vitamin K1 administered by medical/vetinary professionals only. Cases of severe poisoning may require the usual measures like application of blood products or transfusions. Necessity and efficacy have to be assessed by INR. In case of ingestion gastric lavage should be considered in case of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. Monitor: blood picture.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Alcohol resistant foam. Dry chemical powder. Carbon dioxide. Do not use water jet

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.

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SAFETY DATA SHEET

ROMAX RAT CP

Page: 4

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. Do not create dust. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside do not approach from downwind.

6.2. Environmental precautions

Environmental precautions: Contain the spillage using bunding. Do not discharge into drains or rivers. If spillage enters drains leading to sewage works inform local water company immediately. If spillage enters rivers or watercourses inform the Environment Agency.

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. Clean contaminated floors and objects thoroughly, observing environmental regulations.

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: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Do not store at a temperature above 40 °C. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Specific end use(s): Refer to the label and/or leaflet.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

SUCROSE

[cont...]

SAFETY DATA SHEET

ROMAX RAT CP

Page: 5

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	10 mg/m ³	20 mg/m ³	-	-

COUMATETRALYL

UK	0.01 mg/m ³	-	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: If ventilation is insufficient suitable respiratory protection must be provided.
Respiratory protective device with particle filter.

Hand protection: Impermeable protective gloves conforming to EN 374. Nitrile gloves.

Eye protection: Safety goggles (conforming to EN166, Field of Use = 5 or equivalent).

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Blue

Odour: Weak, characteristic.

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Not dispersible.

Viscosity: No data available.

Boiling point/range°C: No data available.

Melting point/range°C: >200

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: No data available.

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

Autoflammability°C: ca. 207

Vapour pressure: No data available.

Relative density: ca. 1.19 g/cm³

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.

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SAFETY DATA SHEET

ROMAX RAT CP

Page: 6

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: Direct sunlight. Extreme temperature.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RAT	LD50	>4000	mg/kg
ORAL	RAT	LD50	1000	mg/kg

Hazardous ingredients:

SUCROSE

ORAL	RAT	LD50	29700	mg/kg
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COUMATETRALYL

ORL	RAT	LD50	30	mg/kg
SKN	RAT	LD50	40	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Reproductive toxicity	--	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: * There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting. There may be internal and external bleeding.

[cont...]

SAFETY DATA SHEET

ROMAX RAT CP

Page: 7

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	53	mg/l
Daphnia magna	48H EC50	>14	mg/l
GREEN ALGAE (<i>Desmodesmus Subspicatus</i>)	96H IC50	>18	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Moderately mobile in soils.

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: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Waste code number: 06 13 01

Disposal of packaging: May be reused following decontamination.

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.

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SAFETY DATA SHEET

ROMAX RAT CP

Page: 8

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 (EU) No 2015/830.

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

Phrases used in s.2 and s.3: EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

H300: Fatal if swallowed.

H302: Harmful if swallowed.

H310: Fatal in contact with skin.

H360D: 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>.

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.