

SAFETY DATA SHEET



Publication date: 24 April 2008 Sheet number: BES/SA 0112 Revised on: 1 March 2014 Revision number: 3

1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial name: **RACUMIN® RAT AND MOUSE WAX BLOCKS**

Usage: Rodenticide

Company identification: Bayer (Pty.) Ltd.
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Tygerberg Poison Centre: +27 21 931 6129
Griffon Poison Information Centre: +27 82 446 8946

2) HAZARD IDENTIFICATION OF THE PRODUCT

Risk advice to man and the environment: Harmful if swallowed.

3) COMPOSITION / INFORMATION ON THE INGREDIENTS

Chemical nature: Bait (ready for use) (RB)
Coumatetralyl 0.0375 %

Hazardous components:

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Coumatetralyl	5836-29-3 227-424-0	T+	R27/28, R48/24/25, R52/53	0,0375

For the full text of the R-phrases mentioned in this Section, see Section 16.

4) FIRST AID MEASURES

General advice: Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

Skin contact: Wash off thoroughly with plenty of water and soap, if available with polyethyleneglycol 400, subsequently rinse with water.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.

Inhalation: IMMEDIATELY remove to fresh air. If not breathing give artificial respiration. If breathing of victim is difficult administer oxygen for a maximum period of one hour. Have victim lie down and keep warm.

Notes to physician:

Symptoms: State of shock, nose bleeding, bloody vomiting, abdominal pain, back pain.

Treatment: Elementary aid, decontamination and symptomatic treatment.

Antidote: Vitamine K1 - 10 mg i.v., if necessary repeat; in cases of grave bleeding: prothrombin complex preparates.
In severe cases administration of coagulation factors or plasma, or even a blood transfusion may be necessary.
If ingested, irrigate the stomach using activated charcoal in addition.

5) FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, carbon dioxide (CO₂), foam, sand.

Specific hazards during fire fighting: In the event of fire the following can be released: Carbon monoxide (CO).

Special protective equipment for fire-fighters: In the event of fire and/or explosion do not breathe fumes.
In the event of fire, wear self-contained breathing apparatus.

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Further information: Contain the spread of the fire-fighting media.
Do not allow run-off from fire fighting to enter drains or water courses.

6) ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with spilled product or contaminated surfaces.
Use personal protective equipment.

Environmental precautions: Do not allow to get into surface water, drains and ground water.

Methods for cleaning up: Use mechanical handling equipment.
Clean contaminated floors and objects thoroughly, observing environmental regulations.
Keep in suitable, closed containers for disposal.

Additional advice: Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

7) HANDLING AND STORAGE

Handling: No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice.

Storage: Requirements for storage areas and containers
Store in original container.
Keep containers tightly closed in a dry, cool and well-ventilated place.
Store in a place accessible by authorized persons only.

Advice on common storage: Keep away from food, drink and animal feedingstuffs.

Storage stability: Storage temperature: < 40 °C.

Suitable materials: Polyethylene film within an outer package.
HDPE (high density polyethylene).

8) EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace control parameters:

Components	CAS-No.	Control parameters	Basis
Coumatetralyl	5836-29-3	0.01 mg/m ³	OES BCS*

*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

Personal protective equipment:

In normal use and handling conditions: Wear rubber gloves.

In all other cases the following recommendations would apply:

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection: Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.

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

Hygiene measures: Avoid contact with skin, eyes and clothing.
Keep working clothes separately.
Wash hands before breaks and at the end of workday.
Remove soiled clothing immediately and clean thoroughly before using again.
Garments that cannot be cleaned must be destroyed (burnt).

9) PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid

Colour: Grey to blue

Odour: Weak

Vapour pressure: Approx 1x10Exp -9 mbar at 20 °C (Coumatetralyl)

Solubility in water: Insoluble

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10) STABILITY AND REACTIVITY

Hazardous reactions: No hazardous reactions when stored and handled according to prescribed instructions.

11) TOXICOLOGICAL INFORMATION

This product contains an anticoagulant.

Acute toxicity:

LD₅₀ oral, rat: > 300 - < 2 000 mg/kg
Test conducted with a similar formulation.
LD₅₀ dermal, rat: LD50 (rat) > 4 000 mg/kg
Test conducted with a similar formulation.

Skin irritation: No skin irritation (rabbit).
Test conducted with a similar formulation.

Eye irritation: No eye irritation (rabbit).
Test conducted with a similar formulation.

12) ECOLOGICAL INFORMATION

Fish toxicity: (active ingredient)

LC₅₀: Approx. 1000 mg/l (96 h) guppy (*Lebistes reticulatus*)

Daphnia: (active ingredient)

EC₅₀: > 14 mg/l (48 h)(Water flea (*Daphnia magna*))

Algae: (active ingredient)

EC₅₀ Growth rate: > 18 mg/l (96 h) (*Desmodesmus subspicatus*)

13) DISPOSAL CONSIDERATIONS

Product: In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

Contaminated packaging: Rinsed packaging may be acceptable for landfill, otherwise incineration will be required in accordance with local regulations.
Not completely emptied packaging should be disposed of as hazardous waste.

14) TRANSPORT INFORMATION

ADNR: Not dangerous goods
ADR: Not dangerous goods
GGVE: Not dangerous goods
GGVS: Not dangerous goods
IATA_C: Not dangerous goods
IATA_P: Not dangerous goods
IMDG: Not dangerous goods
RID: Not dangerous goods

15) REGULATORY INFORMATION

Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.

Hazardous components which must be listed on the label: Coumatetralyl

Symbol(s):

Xn: Harmful

R-phrases(s):

R22: Harmful if swallowed.

WHO-classification: III (Slightly hazardous)

16) OTHER INFORMATION

Text of R phrases mentioned in Section 3:

R27/28: Very toxic in contact with skin and if swallowed.

R48/24/25: Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

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Consult the label for directions for use.

THIS INFORMATION CONCERNS ONLY THE PRODUCT AS CONFORMING TO ITS SPECIFICATIONS AND LIMITED TO THE USES HEREIN STATED.

This sheet complements the technical sheet of use but does not replace it. The information contained on this sheet is based on knowledge of the product on the date of publication. It is given in good faith.
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