

SAFETY DATA SHEET



Publication date: January 1998 Sheet number: BES/SA 0080 Revised on: 1 September 2011 Revision number: 7

1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial name: **RACUMIN[®] PASTE**

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.

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

Notes to physician:

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

Treatment: Treat symptomatically.
Antidote: Vitamin K1. Cases of severe poisoning may require the usual measures like application of blood products or transfusions.
In severe cases administration of coagulation factors or plasma, or even a blood transfusion may be necessary.
Gastric lavage should be considered in cases of significant ingestions within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.

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, wear self-contained breathing apparatus.

SAFETY DATA SHEET



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: Clean contaminated floors and objects thoroughly, observing environmental regulations.
Use mechanical handling equipment.

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

7) HANDLING AND STORAGE

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.
Store in original container.
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: < 50 °C

Suitable materials: 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.
Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.

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).

Skin and body protection: Wear standard coverall and type 5 suit.
Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.

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

9) PHYSICAL AND CHEMICAL PROPERTIES

Form: Paste

Colour: Blue

Odour: Weak characteristic smell

Solubility in water: Not dispersible

SAFETY DATA SHEET



Melting point: > 200 °C
Ignition temperature: 425 °C
Combustion number: CN3 Local combustion without spreading at 20 °C

10) STABILITY AND REACTIVITY

Conditions to avoid: Extremes of temperature and light.
Hazardous reactions: No hazardous reactions when stored and handled according to prescribed instructions.

11) TOXICOLOGICAL INFORMATION

Acute toxicity:
LD₅₀ oral, rat: >1 000 mg/kg
LD₅₀ dermal, rat: >4 000 mg/kg

Irritation of the skin, rabbit: Non-irritant
Irritation of the mucous membranes, rabbit: Non-irritant

Sensitization of the skin, guinea pig: Non-sensitizing
OECD Guideline 406, Buehler test.
Test conducted with a similar formulation.

12) ECOLOGICAL INFORMATION

Fish toxicity: (active ingredient)
LC₅₀: Approx. 1000 mg/l (96h) 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

Disposal method product: Close and label the waste containers. Dispose of them at a suitable waste incineration plant in accordance with official regulations. For large quantities, consult the supplier.

Disposal method packaging: Flatten and perforate empty container. Close and label the waste containers. Dispose of them at a suitable waste incineration plant in accordance with official regulations.

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.

SAFETY DATA SHEET



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.

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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