

SAFETY DATA SHEET



Publication date: March 1994 Sheet number: BES/SA 0082 Revised on: 5 July 2010 Revision number: 6

1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial name: **RACUMIN® TRACKING POWDER**

Usage: Rodenticide

Company identification: Bayer (Pty.) Ltd.
Reg. No. 1968/011192/07
P.O. Box 143, Isando 1600
SOUTH AFRICA

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Responsible department: Marketing and Technical
+27 11 921 5310/5663/5471/5639
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In case of poisoning emergencies:
Bayer (office hours only): +27 11 921 5310/5663/5471/5639
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: No particular hazards know.

3) COMPOSITION / INFORMATION ON THE INGREDIENTS

Chemical nature: Contact powder (CP)
Coumatetralyl 0,75 %

Hazardous components:

Chemical Name	CAS-No. / EINECS-No.	Symbol(s)	R-phrases(s)	Concentration [%]
Coumatetralyl	5836-29-3 227-424-0	T+	R27/28, R48/24/25, R52/53	0,75
Talc	14807-96-6 238-877-9			> 1,00

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.

Inhalation: Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

Skin contact: Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

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.

Notes to Physician:

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

Treatment: Elementary aid, decontamination and symptomatic treatment.
Antidote: vitamin 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

Extinguishing media: Water spray, foam, CO₂, sand.

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

Advice on safe handling: Use only in area provided with appropriate exhaust ventilation.

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 should ideally lie between 0 and 40 °C, however, storage for two weeks at 54 °C has shown no adverse effects regarding product safety or stability.

Suitable materials: Polypropylene (PP) / Polyethylene (PE) - composite film.
Polyethylene film within an outer package.

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: If product is handled while not enclosed, and if contact may occur: Wear respirator with a particle filter mask (protection factor 4) conforming to European norm EN149FFP1 or equivalent.

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. If chemical protection suit is splashed, sprayed or significantly contaminated, decontaminate as far as possible, then carefully remove and dispose of as advised by manufacturer.

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, powder

Colour: Blue

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Odour: Slight characteristic smell

Flammability (solid, gas): Not highly flammable.

Water solubility: Not dispersible.

Oxidizing properties: No oxidizing properties.

10) STABILITY AND REACTIVITY

Thermal decomposition: From 155 °C , heating rate: 5 K/min, exothermic decomposition, measured in glass.

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

11) TOXICOLOGICAL INFORMATION

Acute toxicity:

LD₅₀ oral, rat: > 5000 mg/kg

LD₅₀ dermal, rat: > 5000 mg/kg

Skin irritation, rabbit: Non-irritant

Eye irritation, rabbit: Non-irritant

12) ECOLOGICAL INFORMATION

Fish toxicity: (active ingredient)

LC₅₀: Approx. 1000 ppm (96 h); guppy (*Lebistes reticulatus*) (Bayer)

13) DISPOSAL CONSIDERATIONS

Disposal method product: Package product wastes. Close and label the waste receptacles and, likewise, any uncleaned empty containers. Dispose of them at a suitable waste incineration plant in accordance with the official regulations. Where large quantities are concerned, consult the supplier.

Disposal method packaging: Disposal in accordance with local legal provisions.

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.

Classification: Hazard warning labelling not compulsory

Exceptional labelling: To avoid risks to man and the environment, comply with the instructions for use.

WHO Classification: III (Moderately 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.

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

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knowledge of the product on the date of publication. It is given in good faith.
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