

# Safety Data Sheet

874756/01

Date of issue: May 2, 2001

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## 1. Identification of the substance/preparation and the company

### RACUMIN Ready to Use Rat Bait

Bayer Environmental Science  
Durkan House, 214-224 High Street, Waltham Cross, Hertfordshire EN8 7DP  
Tel.: 01992 784270 Fax: 01992 784276

## 2. Composition/information on ingredients

preparation contains  
coumatetralyl

wt.-%: 0,0375

CAS No.: 5836-29-3

Hazard Symbol: T+

Index No.: 607-059-00-7 R-Phrases: 27/28-48/24/25-52/53

## 3. Hazards identification

No particular hazards known.

## 4. First-aid measures

### GENERAL INFORMATION:

Remove patients from the danger zone. If there is a risk of unconsciousness, position and transport in stable lateral position. Remove soiled or soaked clothing immediately.

### FOLLOWING SKIN CONTACT:

Wash skin immediately with copious amounts of water and soap.

### FOLLOWING EYE CONTACT:

Rinse eyes thoroughly with water. Consult an eye specialist.

### UPON SWALLOWING:

Call emergency doctor immediately.

### INFORMATION FOR THE PHYSICIAN:

See Chapter 11 for information on toxicology.

The active ingredient listed in Chapter 2 belongs to the following chemical group: coumarin derivative.

Symptoms of poisoning: Haemorrhagic diathesis, haematuria, extended prothrombin time, abdominal pain, anaemia, shock.

Therapeutic measures: Basic aid, decontamination, administration of antidote, in serious cases blood transfusion.

Antidote: vitamin K1

## 5. Fire-fighting measures

Extinguishing media: sprayed water jet, foam, extinguishing powder, CO<sub>2</sub>, sand

Fight fire in early stages if safe to do so.

Wear respiratory protection.

Well ventilated areas: Full face mask with a suitable combination filter, of a type approved by the Health and Safety Executive.

Enclosed premises: respirator with independent air supply.

Contain firefighting water.

<p><b>6. Accidental release measures</b></p> <p>Use the personal protective equipment listed in Chapter 8. Do not empty into drains or waters. Take up spilled product with dust-binding material or suitable vacuum cleaner. Avoid formation of dust. Place the collected material in a closable container. To clean the floor and all objects contaminated by this material, use damp cloth. Also place used cleaning materials into closable receptacles.</p>
<p><b>7. Handling and storage</b></p> <p>INFORMATION ON SAFE HANDLING:          When using open containers, use local exhaust ventilation to prevent dusts from spreading. Make provision for product and fire-fighting water to be retained.</p> <p>INFORMATION ON STORAGE:          See Chapter 15 for storage regulations.          Observe the rules contained in the VCI concept for separate/common storage. To preserve quality, store in a dry place. Susceptible to odour. Keep separate from substances giving off smells. Keep away from food, drink and animal feeding stuffs.</p>
<p><b>8. Exposure controls/Personal protection</b></p> <p>For technical protective measures to limit exposure see also Chapter 7, "Handling and storage".          Workplace-related thresholds are listed in Chapter 15, "Regulatory information".</p> <p>If product is handled while not enclosed, and if skin contact may occur:          Respiratory protection: Fine dust mask (Class P1)          Further details of selection and use of respiratory protective equipment is available in the form of a Health and Safety Executive publication: 'Respiratory protective equipment - a practical guide for users'.(ZH1/701)          Hand protection: protective gloves for chemicals          Eye protection: Goggles</p> <p>Occupational health:          Keep the place of work clean. Avoid contact with product. Change badly soiled or soaked clothing. Wash hands before breaks and at end of work.</p>
<p><b>9. Physical and chemical properties</b> <span style="float: right;">tested in accordance with</span></p> <p>Form: solid          Colour: blue          Odour: slight characteristic smell          Solubility in water: not dispersible          Partition coefficient: log P octanol/water =          coumatetralyl: 3,46</p>
<p><b>10. Stability and reactivity</b></p>
<p><b>11. Toxicological information</b></p> <p>Acute toxicity:          LD<sub>50</sub> oral, rat: &gt; 5000 mg/kg (Bayer)          LD<sub>50</sub> dermal, rat: &gt; 5000 mg/kg (Bayer)</p> <p style="text-align: right;">(to be continued)</p>

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## 11. Toxicological information (Continuation)

Irritation of the skin/rabbit: non-irritant (Bayer) \*  
Irritant to the mucous membranes/rabbit: non-irritant (Bayer) \*

\* derived from active ingredient data

## 12. Ecological information

Fish toxicity: (active ingredient)  
LC<sub>50</sub>: 48 mg/l (96 h); trout (*Oncorhynchus mykiss*) (Bayer)

Toxicity for Daphnia: (active ingredient)  
EC<sub>50</sub>: > 14 mg/l (48 h); Water flea (*Daphnia magna*) (Bayer)

Toxicity for algae: (active ingredient)  
Growth rate:  
IC<sub>50</sub>: > 18 mg/l (96 h); Green algae (*Scenedesmus subspicatus*) (Bayer)

## 13. Disposal considerations

In cases where larger amounts of the product have become unusable, it should be established whether material utilisation is possible (if necessary, consult the manufacturer/suppliers). Small amounts of the product and uncleaned empty packaging should be packaged and sealed, labelled and transferred to a suitable incinerator in accordance with the local regulations.

European Waste Catalogue (EWC) code: 070499, 020105

## 14. Transport information

GGVSee/IMDG Code: -- UN No.: -- MFAG: -- EmS: --  
PG: -- MPO: --  
GGVE/GGVS: Class -- No. -- RID/ADR: Class -- No. --  
ADNR: Class -- No. -- Cat -- ICAO/IATA-DGR: not restr.  
Declaration for land shipment: --  
Declaration for sea shipment: --  
Declaration for shipment by air: --  
Other information:  
Not dangerous cargo. Keep dry. Keep separated from foodstuffs.

## 15. Regulatory information

No labelling is required for this material by the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (as amended) (CHIP) and corresponding EC directives.

UK Maximum Exposure Limits (MEL) or Occupational Exposure Standards (OES), per EH40 document (Health & Safety Executive):

TYPE, YEAR	substance	CAS No.	8-hr TWA		15-min STEL	
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
OES <sup>o</sup>	Dusts, not otherwise spec.	-				
	-total inhalable dust		-	10	-	-
	-respirable dust		-	4	-	-

<sup>o</sup> (COSHH Approved Code of Practice)

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## 15. Regulatory information (Continuation)

Major incidents regulations of September 20, 1991:

The preparation contains the following substances specifically referred to in Appendix II:

0,0375 wt.-% coumatetralyl (Appendix II No. 87)

The preparation is also a "pesticide/agrochemical or active ingredient thereof" in accordance with Appendix III, Part 1 No.21.

## 16. Other information

Bait (ready for use)

Application: rodenticide

This Safety Data Sheet applies to the handling of the product during manufacture, transport and storage. The enclosed instructions for use should be consulted prior to use.

Address in case of poisoning, fire or damage:

Bayer Environmental Science  
Durkan House, 214-224 High Street,  
Waltham Cross, Hertfordshire EN8 7DP  
Tel: 01992 784270 Fax: 01992 784276

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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.