



## RACUMIN CP0,75 6X1KG BOX GB

Version 1 / GB  
102000007206

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Revision Date: 04.04.2006  
Print Date: 06.07.2007

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product information

Trade name RACUMIN CP0,75 6X1KG BOX GB  
Product code (UVP) 04494830  
Usage rodenticide  
Company Bayer Environmental Science  
230 Cambridge Science Park  
Milton Road  
Cambridge  
Cambridgeshire CB4 0WB  
Great Britain  
Telephone +44(0)1223 226500  
Telefax +44(0)1223 426240  
Emergency telephone number 0800-220876 (UK 24 hr)  
+44(0)1603-242424 (Overseas 24 hr)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical nature

Contact powder (CP)  
Coumatetralyl 0,75 %

#### 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	0.75

### 3. HAZARDS IDENTIFICATION

#### Risk advice to man and the environment

No particular hazards known.

### 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

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

#### Skin contact

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

#### Eye contact

In case of contact with eyes rinse thoroughly with water. Call a physician or poison control



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center immediately.

**Ingestion**

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**

Elementary aid, decontamination and symptomatic treatment.

Antidote: vitamine K1 - 10 mg i.v., if necessary repeat, and, 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.

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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

water spray  
carbon dioxide (CO<sub>2</sub>)  
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.  
Use breathing apparatus.

**Further information**

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

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**

Avoid contact with spilled product or contaminated surfaces.  
Wear personal protective equipment. Unprotected persons must be kept away.  
Keep away sources of ignition.

**Environmental Precautions**

Do not discharge into the drains/surface water/groundwater.  
If spillage enters drains leading to sewage works inform local water company immediately.  
If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).

**Methods for Cleaning Up**

Take up with absorbent material (e.g. sand, diatomaceous earth or a proprietary absorbent material).  
Clean contaminated floors and objects thoroughly, observing environmental regulations.  
Keep in suitable, closed containers for disposal.



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**Additional Advice**

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

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**7. HANDLING AND STORAGE**

**Handling**

Advice on protection against fire and explosion  
Dust may form explosive mixtures with air.  
Keep away from heat and sources of ignition.

**Storage**

Requirements for storage areas and containers  
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 < 40 °C

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

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Refer to COSHH assessment (Control of Substances Hazardous to Health (Amendment) Regulations 2004). Engineering controls should be used in preference to personal protective equipment wherever practicable. Refer also to COSHH Essentials.**

**Personal protective equipment**

Respiratory Protection	Wear respirator conforming to EN149FFP1. 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.



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### 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 and/or soaked clothing immediately and clean thoroughly before using again.
- Garments that cannot be cleaned must be destroyed (burnt).

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form	powder
Colour	blue
Odour	slight, specific odour

### Safety data

Autoignition Temperature	from 359 °C
Dust Explosion Class	capable of causing a dust explosion (modified Hartmann tube)
Water Solubility	not dispersible
Impact Sensitivity	not impact-sensitive

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## 10. STABILITY AND REACTIVITY

Conditions to Avoid	Extremes of temperature and direct sunlight.
Materials to avoid	None.
Hazardous Reactions	No hazardous reactions when stored and handled according to prescribed instructions.

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## 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	LD50 (rat) > 5,000 mg/kg
Acute Dermal Toxicity	LD50 (rat) > 5,000 mg/kg
Skin Irritation	Non-irritant. (rabbit)
Eye Irritation	Non-irritant. (rabbit)

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

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Toxicity to Fish	LC50 (Rainbow trout ( <i>Oncorhynchus mykiss</i> )) 53 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient.
Toxicity to daphnia	EC50 (Water flea ( <i>Daphnia magna</i> )) > 1,150 mg/l Exposure time: 48 h
Toxicity to algae	IC50 ( <i>Desmodesmus subspicatus</i> ) > 18 mg/l Growth rate Exposure time: 96 h The value mentioned relates to the active ingredient.

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**13. DISPOSAL CONSIDERATIONS****Product**

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

Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).

**Contaminated packaging**

Empty remaining contents.

Do not use containers for other products.

Clean container with water.

Rinsed packaging may be acceptable for landfill, otherwise incineration will be required in accordance with local regulations.

Packaging that cannot be cleaned should be disposed of as product waste.

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**14. TRANSPORT INFORMATION**

<b>ADNR</b>	Not dangerous goods
<b>ADR</b>	Not dangerous goods
<b>GGVE</b>	Not dangerous goods
<b>GGVS</b>	Not dangerous goods
<b>IATA_C</b>	Not dangerous goods
<b>IATA_P</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>RID</b>	Not dangerous goods
<b>UK 'Carriage' Regulations</b>	Not dangerous goods

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**15. REGULATORY INFORMATION**

This product has been classified in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3 and any subsequent amendments.

## Classification:

Labelling according to EEC Directive

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

## Hazardous components which must be listed on the label:

- Coumatetralyl



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### Exceptional labelling

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

### Further information

WHO-classification: III (Slightly hazardous)

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## 16. OTHER INFORMATION

### Further information

Text of R phrases mentioned in Section 2:

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 above information is intended to give general health and safety guidance on the storage and transport of the product.

It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.
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