

**RACUMIN CP0,75 6X1KG CAN GB**Version 2 / F
102000072061/6
Revision Date: 08.06.2005
Print Date: 16.02.2006**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name RACUMIN CP0,75 6X1KG CAN GB
Product code (UVP) 04494830
Specification 33972
Usage rodenticide
Company Bayer Environmental Science
16, rue Jean-Marie Leclair
69009 Lyon
France

Emergency telephone number +33(0)4.72.85.25.25
Telefax +33(0)4.72.85.27.99
Numéro INRS +33(0)1.45.42.59.59

2. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

Tracking powder (TP)
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

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. If the patient is likely to become unconscious, place and transport in stable sideways position. Remove soiled or soaked clothing immediately.

Inhalation

Move the patient to fresh air and keep at rest. Call a physician immediately.

Skin contact

Wash off immediately with soap and plenty of water. Take medical treatment.

Eye contact

In case of contact with eyes rinse thoroughly with water. Call a physician immediately.

Ingestion

Do not induce vomiting. Wash out mouth with water. Call a physician immediately.



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Notes to Physician

Symptoms

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.

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.
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.

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.

Methods for Cleaning Up

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

Additional Advice

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

7. HANDLING AND STORAGE

Handling

Advice on protection against fire and explosion



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Dust explosivity : sensitive
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

Only use containers that are approved specifically for the substance/product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory Protection If product is handled while not enclosed, and if skin contact may occur:
Dust mask

Hand Protection PVC or other plastic material gloves

Eye protection safety glasses

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 or soaked clothing immediately and clean thoroughly before using again.

Garments that cannot be cleaned must be destroyed (burnt).

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

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Impact Sensitivity	Not impact-sensitive
Combustion number	CN2 Short flaring without spreading at 20 °C

10. STABILITY AND REACTIVITY

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)

12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

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.

13. DISPOSAL CONSIDERATIONS**Product**

Dispose of by incineration in an authorised hazardous waste incineration plant. Comply with local legislation.
For larger quantities contact manufacturer.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

ADNR	Not dangerous goods
ADR	Not dangerous goods
GGVE	Not dangerous goods

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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

Classement FRANCE (décision de la Commission des Toxiques)

Symbol(s)

Xn Harmful

R-phrases(s)

R21/22 Harmful in contact with skin and if swallowed.

S-phrases(s)

S 2 Keep out of the reach of children.

S 8 Keep container dry.

S13 Keep away from food, drink and animal feedingstuffs.

S20/21 When using do not eat, drink or smoke.

S35 This material and its container must be disposed of in a safe way.

S37 Wear suitable gloves.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S49 Keep only in the original container.

Further information

WHO-classification: III (Slightly hazardous)

Législation des Installations Classées pour la Protection de l'Environnement (Loi du 19/07/76 modifiée et Décret du 07/07/92)

Rubrique n° 1155 : Dépôts de produits agropharmaceutiques.

Occupational health precautions

Not concerned

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 information provided in this safety data sheet has been provided according the requirements from the French modified decree "arrêté du 5 janvier 1993". This sheet complements the technical sheet but does not replace it. The information contained in this sheet is based on knowledge of the product at the date of publication and is given in good faith. Users are further reminded of the



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possible risks of using a product for purposes other than those for which it was intended. The user is fully responsible for taking all the necessary precautions whilst using the product. The aim of the statutory regulations indicated is to help the user to fulfil his obligations regarding the use of hazardous products. This list should not be considered as exhaustive. It does not exonerate the user from fulfilling other existing legal obligations in addition to those mentioned, relating to the use and storage of the product. This remains solely the responsibility of the user.

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