



## Racumin® 8 Rat and Mouse Rodenticide

Version 1 / AUS  
102000006466

1/7  
Revision Date: 23.06.2016  
Print Date: 24.06.2016

### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

#### 1.1 Product identifier

**Trade name** Racumin® 8 Rat and Mouse Rodenticide  
**Product code (UVP)** 00864870

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Use** Rodenticide

#### 1.3 Details of the supplier of the safety data sheet

**Supplier** Bayer CropScience Pty Ltd.  
ABN 87 000 226 022  
Level 1, 8 Redfern Road  
3123 Hawthorn East  
Victoria  
Australia

**Telephone** (03) 9248 6888

**Telefax** (03) 9248 6800

**Responsible Department** 1800 804 479 Technical Information Service

**Website** [www.environmentalscience.bayer.com.au](http://www.environmentalscience.bayer.com.au)

#### 1.4 Emergency telephone no.

**Emergency telephone no.** 1800 033 111 IXOM Operations Pty Ltd

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### Australia. GHS Hazardous Chemical Information List

Not classified, the classification criteria are not met.

#### 2.2 Label elements

No hazard label for supply/use required.

#### 2.3 Other hazards

No other hazards known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical nature

Coumatetralyl 8g/kg  
Chemical nature Technical concentrate (TK)

Chemical Name	CAS-No.	Concentration [%]
Coumatetralyl	5836-29-3	0.80
Talc	14807-96-6	97.80



## Racumin® 8 Rat and Mouse Rodenticide

Version 1 / AUS  
102000006466

2/7  
Revision Date: 23.06.2016  
Print Date: 24.06.2016

Other ingredients (non-hazardous) to 100%		
---	--	--

### SECTION 4. FIRST AID MEASURES

**If poisoning occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this Safety Data Sheet to the doctor.**

#### 4.1 Description of first aid measures

<b>Inhalation</b>	Move the victim to fresh air and keep at rest. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water.
<b>Eye contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this container or label.

#### 4.2 Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Ingestion may provoke the following symptoms: Blood disorders, Nose bleeding, Gum bleeding, Bloody vomiting, Bruising and haemorrhage formation
-----------------	---

#### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Treatment</b>	Treat symptomatically. Gastric lavage is not normally required. However, if a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate. Antidote: Vitamine K1. Cases of severe poisoning may require the usual measures like application of blood products or transfusions.
------------------	---

### SECTION 5. FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

<b>Suitable</b>	Water spray, Carbon dioxide (CO <sub>2</sub> ), Foam, Sand
-----------------	--

<b>5.2 Special hazards arising from the substance or mixture</b>	Accumulation of fine dust may entail the risk of a dust explosion in the presence of air., In the event of fire the following may be released: Carbon monoxide (CO)
--	---

#### 5.3 Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.
--	--

<b>Further information</b>	Evacuate personnel to safe areas. Fight fire from upwind position. Whenever possible, contain fire-fighting water by diking area with sand or earth. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
----------------------------	---



**Racumin® 8 Rat and Mouse Rodenticide**

Version 1 / AUS  
102000006466

3/7  
Revision Date: 23.06.2016  
Print Date: 24.06.2016

Hazchem Code Not applicable

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

**Precautions** An emergency shower must be readily accessible to the work area. Use personal protective equipment. Avoid contact with spilled product or contaminated surfaces. Keep people away from and upwind of spill/leak. Do not breathe dust.

**6.3 Methods and materials for containment and cleaning up**

**Methods for cleaning up** Dike area to prevent runoff. Collect and transfer the product into a properly labelled and tightly closed container. Clean with detergents. Avoid solvents.

**SECTION 7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

**Hygiene measures** Avoid contact with skin, eyes and clothing.

**7.2 Conditions for safe storage, including any incompatibilities**

**Requirements for storage areas and containers** Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Talc	14807-96-6	2.5 mg/m <sup>3</sup> (TWA)	12 2011	AU NOEL

**8.2 Exposure controls**

**Personal protective equipment - End user**

**Hand protection** Elbow-length PVC or nitrile gloves  
Wash gloves when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

**Form** powder  
**Colour** violet  
**Bulk density** ca. 1,000 kg/m<sup>3</sup>



## Racumin® 8 Rat and Mouse Rodenticide

Version 1 / AUS  
102000006466

4/7  
Revision Date: 23.06.2016  
Print Date: 24.06.2016

### SECTION 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

Not applicable

**10.4 Conditions to avoid** Exposure to moisture.  
Elevated temperatures

**10.5 Incompatible materials** Strong oxidizing agents

**10.6 Hazardous decomposition products** Carbon monoxide

### SECTION 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

**Acute oral toxicity** LD50 (Rat) > 5,000 mg/kg  
Test conducted with a similar formulation.

**Acute inhalation toxicity** LC50 (Rat) > 3.3 mg/l  
Exposure time: 4 h  
Determined in the form of dust.  
Highest attainable concentration.  
Test conducted with a similar formulation.

**Acute dermal toxicity** LD50 (Rat) > 5,000 mg/kg  
Test conducted with a similar formulation.

**Skin irritation** No skin irritation (Rabbit)  
Test conducted with a similar formulation.

**Eye irritation** No eye irritation (Rabbit)  
Test conducted with a similar formulation.

**Sensitisation** Non-sensitizing.  
The value mentioned relates to the active ingredient coumatetralyl.

#### Assessment mutagenicity

Coumatetralyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

#### Assessment carcinogenicity

Coumatetralyl is not considered carcinogenic.

#### Assessment toxicity to reproduction

Coumatetralyl is not considered a reproductive toxicant at non-maternally toxic dose levels.

#### Assessment developmental toxicity

Coumatetralyl did not cause developmental toxicity in rats and rabbits.

#### Assessment repeated dose toxicity

Coumatetralyl caused inhibition of blood coagulation possibly causing hemorrhagic syndrome in animal studies. The toxic effects of Coumatetralyl are related to antivitamin K properties.



## Racumin® 8 Rat and Mouse Rodenticide

Version 1 / AUS  
102000006466

5/7  
Revision Date: 23.06.2016  
Print Date: 24.06.2016

### Aspiration hazard

Based on available data, the classification criteria are not met.

### Information on likely routes of exposure

Toxic by inhalation.  
May cause skin irritation., Harmful if absorbed through skin.  
May cause eye irritation.  
Harmful if swallowed.

### Early onset symptoms related to exposure

Refer to Section 4

### Delayed health effects from exposure

Refer to Section 11

### Exposure levels and health effects

Refer to Section 4

### Interactive effects

Not known

### When specific chemical data is not available

Not applicable

### Mixture of chemicals

Refer to Section 2.1

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

<b>Toxicity to fish</b>	LC50 ( <i>Oncorhynchus mykiss</i> (rainbow trout)) 53 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient coumatetralyl.
<b>Toxicity to aquatic invertebrates</b>	EC50 ( <i>Daphnia magna</i> (Water flea)) > 1,150 mg/l Exposure time: 48 h Test conducted with a similar formulation.
<b>Toxicity to aquatic plants</b>	IC50 ( <i>Desmodesmus subspicatus</i> (green algae)) > 18 mg/l Growth rate; Exposure time: 96 h The value mentioned relates to the active ingredient coumatetralyl.
<b>Toxicity to other organisms</b>	LD50 ( <i>Coturnix japonica</i> (Japanese quail)) > 2000 mg/kg bw The value mentioned relates to the active ingredient coumatetralyl.

### 12.2 Persistence and degradability

**Biodegradability** Not applicable for this mixture.

### 12.3 Bioaccumulative potential

**Bioaccumulation** Not applicable for this mixture.

### 12.4 Mobility in soil



## Racumin® 8 Rat and Mouse Rodenticide

Version 1 / AUS  
102000006466

6/7  
Revision Date: 23.06.2016  
Print Date: 24.06.2016

**Mobility in soil** Not applicable for this mixture.

### 12.5 Other adverse effects

**Additional ecological information** No other effects to be mentioned.

## SECTION 13. DISPOSAL CONSIDERATIONS

Shake empty container onto baiting site. Do not dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in a local authority landfill. If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots.

## SECTION 14. TRANSPORT INFORMATION

According to national and international transport regulations not classified as dangerous goods.

## SECTION 15. REGULATORY INFORMATION

Registered according to the Agricultural and Veterinary Chemicals Code Act 1994  
Australian Pesticides and Veterinary Medicines Authority approval number: 52182

### SUSMP classification (Poison Schedule)

Schedule 6 (Standard for the Uniform Scheduling of Medicines and Poisons)

## SECTION 16. OTHER INFORMATION

**Trademark information** Racumin® is a registered trademark of the Bayer Group.

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

### Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
AU OEL	Australia. OELs. (Adopted National Exposure Standards for Atmospheric



## Racumin® 8 Rat and Mouse Rodenticide

Version 1 / AUS  
102000006466

7/7  
Revision Date: 23.06.2016  
Print Date: 24.06.2016

	Contaminants in the Occupational Environment)
CAS-Nr.	Chemical Abstracts Service number
CEILING	Ceiling Limit Value
Conc.	Concentration
EC-No.	European community number
ECx	Effective concentration to x %
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
EN	European Standard
EU	European Union
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code)
ICx	Inhibition concentration to x %
IMDG	International Maritime Dangerous Goods
LCx	Lethal concentration to x %
LDx	Lethal dose to x %
LOEC/LOEL	Lowest observed effect concentration/level
MARPOL	MARPOL: International Convention for the prevention of marine pollution from ships
N.O.S.	Not otherwise specified
NOEC/NOEL	No observed effect concentration/level
OECD	Organization for Economic Co-operation and Development
OES BCS	OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"
PEAK	PEAK: Exposure Standard - Peak means a maximum or peak airborne concentration of a particular substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SK-SEN	Skin sensitiser
SKIN_DES	SKIN_DES: Skin notation: Absorption through the skin may be a significant source of exposure.
STEL	STEL: Exposure standard - short term exposure limit (STEL): A 15 minute TWA exposure which should not be exceeded at any time during a working day even if the eight-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.
TWA	TWA: Exposure standard - time-weighted average (TWA): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.
TWA	Time weighted average
UN	United Nations
WHO	World health organisation

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

END OF SDS