



Racumin® Rat and Mouse Blocks

Version 1 / AUS
102000011797

1/7
Revision Date: 17.06.2016
Print Date: 17.06.2016

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Trade name Racumin® Rat and Mouse Blocks
Product code (UVP) 04236661

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

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 (Hazardous Substances Information System (HSIS))

Acute toxicity: Category 4
H302 Harmful if swallowed.

2.2 Label elements

Hazard label for supply/use required.

Hazardous components which must be listed on the label:

Coumatetralyl

Signal word: Warning

Hazard statements

H302 Harmful if swallowed.

Precautionary statements

P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell.
P330 Rinse mouth.
P501 Dispose of contents/container in accordance with local regulation.



Racumin® Rat and Mouse Blocks

Version 1 / AUS
102000011797

2/7
Revision Date: 17.06.2016
Print Date: 17.06.2016

2.3 Other hazards

No other hazards known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Coumatetralyl 0.37g/kg

Chemical nature Block bait (BB)

Chemical Name	CAS-No.	Concentration [%]
Coumatetralyl	5836-29-3	0.037
Talc	14807-96-6	5.00
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

- Skin contact** Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water.
- Eye contact** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- Ingestion** In the event of a mouthful or more being ingested, the following measures should be considered: Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms** Symptoms of Overexposure, Blood disorders, Ingestion may provoke the following symptoms:, Bruising and haemorrhage formation, Nose bleeding, Bloody vomiting

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment** In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. Treat symptomatically. Antidote: Vitamine K1. Cases of severe poisoning may require the usual measures like application of blood products or transfusions.



Racumin® Rat and Mouse Blocks

Version 1 / AUS
102000011797

3/7
Revision Date: 17.06.2016
Print Date: 17.06.2016

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Water spray, Carbon dioxide (CO₂), Foam, Sand

5.2 Special hazards arising from the substance or mixture In the event of fire the following may be released:, Carbon monoxide (CO)

5.3 Advice for firefighters

Special protective equipment for firefighters Wear self-contained breathing apparatus and protective suit.

Further information Whenever possible, contain fire-fighting water by diking area with sand or earth. Fight fire from upwind position.

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 unauthorized people away. Keep people away from and upwind of spill/leak. Do not breathe dust.

6.2 Environmental precautions Retain and dispose of contaminated wash water.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up Sweep up or vacuum up spillage and collect in suitable container for disposal. Contaminated soil may have to be removed and disposed. Clean with detergents. Avoid solvents.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling 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 ³	12 2011	AU NOEL

Safety Data Sheet



Racumin® Rat and Mouse Blocks

Version 1 / AUS
102000011797

4/7
Revision Date: 17.06.2016
Print Date: 17.06.2016

		(TWA)		
--	--	-------	--	--

8.2 Exposure controls

Personal protective equipment - End user

Hand protection Protective gloves

Engineering Controls

Advice on safe handling Avoid contact with skin, eyes and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form pieces or block
Colour blue-grey
Partition coefficient: n-octanol/water Coumatetralyl: log Pow: 1.5

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Not applicable

10.4 Conditions to avoid Heat, flames and sparks.
Exposure to moisture.

10.5 Incompatible materials Strong oxidizing agents

10.6 Hazardous decomposition products Thermal decomposition can lead to release of:
Carbon monoxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity LD50 (Rat) 16.5 mg/kg
The value mentioned relates to the active ingredient coumatetralyl.

Acute inhalation toxicity LC50 (Rat) 39 mg/l
Exposure time: 4 h
The value mentioned relates to the active ingredient coumatetralyl.

Acute dermal toxicity LD50 (Rat)
100-500 mg/kg
The value mentioned relates to the active ingredient coumatetralyl.

Aspiration hazard

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



Racumin® Rat and Mouse Blocks

Version 1 / AUS
102000011797

5/7
Revision Date: 17.06.2016
Print Date: 17.06.2016

Information on likely routes of exposure

Inhalation not likely., May be harmful if inhaled.
No skin irritation
No eye irritation
Ingestion of large amounts may be harmful (see Signs and Symptoms).

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

Further information

No further toxicological information is available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)) 48 mg/l Exposure time: 96 h The value mentioned relates to the active ingredient coumatetralyl.
Toxicity to aquatic invertebrates	LC50 (Daphnia (water flea)) 14 mg/l Exposure time: 48 h The value mentioned relates to the active ingredient coumatetralyl.
Toxicity to other organisms	LD50 (Coturnix japonica (Japanese quail)) > 2,000 mg/kg The value mentioned relates to the active ingredient coumatetralyl.

12.2 Persistence and degradability

Biodegradability Coumatetralyl:
Not rapidly biodegradable

Koc Coumatetralyl: Koc: 453

12.3 Bioaccumulative potential

Bioaccumulation Coumatetralyl: Bioconcentration factor (BCF) 3 - 11
Does not bioaccumulate.

12.4 Mobility in soil



Racumin® Rat and Mouse Blocks

Version 1 / AUS
102000011797

6/7
Revision Date: 17.06.2016
Print Date: 17.06.2016

Mobility in soil Coumatetralyl: Moderately mobile in soils

12.5 Other adverse effects

Additional ecological information No data available

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: 52098

Hazardous Classification

Hazardous (National Occupational Health and Safety Commission - NOHSC)

SUSMP classification (Poison Schedule)

Schedule 5 (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



Racumin® Rat and Mouse Blocks

Version 1 / AUS
102000011797

7/7
Revision Date: 17.06.2016
Print Date: 17.06.2016

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 Contaminants in the Occupational Environment)
CAS-Nr.	Chemical Abstracts Service number
CEILING Conc.	Ceiling Limit Value 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