

A18033/04/AUS



Home

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Date of Issue: JULY 01 1999

PRODUCT NAME: Racumin 8 Rat &amp; Mouse Rodenticide

**Statement of Hazardous Nature:**

"Hazardous according to criteria of the National Occupational Health and Safety Commission"

**BAYER AUSTRALIA LIMITED**

875 PACIFIC HIGHWAY

PYMBLE NSW 2073

PH. (02) 9391-6000 Australia Wide, Toll Free

24H Emergency Service

EMERGENCY TEL NO: 1800 033 111

**1. IDENTIFICATION****1.11 Proper Shipping Name:** Not Available**1.12 Other names:** No other names.**1.13 UN Number:** None Allocated**1.14 Hazchem Code:** None Allocated**1.15 Dangerous Goods Class:** None Subsidiary Risk: None Allocated**1.16 Poisons Schedule Number:** S6**1.17 Manufacturer's Product Code:** 65891**1.18 Use:** Rodenticide tracking powder and bait concentrate for rat and mouse control.**1.2 Ingredients**

1.20 Chemical Entity	CAS No.	Proportion
Coumatetralyl	5836-29-3	8 g/kg
Dyestuff	-	Low
Talc	14807-96-6	V.high

**Chemical Characterisation:**

COUMATETRALYL

4-hydroxy-3-(1,2,3,4-tetrahydronaphthalenyl) 2H-1-benzopyran-2-one

Chemical group: Coumarin derivative (benzopyranone)

Proportion (%w/w): Low = 1-9%; V.high = &gt;60%

**1.3 Physical Description / Properties****1.30 Form:** Powder

Colour: Violet

Odour: No specific odour

Change in physical state: Not relevant.

Density: Approx 1 kg/L

Vapour Pressure: Not relevant.

Viscosity: Not relevant.

Solubility in water: Insoluble

pH value: Not relevant.

Flash point: Not relevant.

Ignition temperature: Not relevant.

Explosive limits: Not relevant.

**1.5 Other Properties****1.51 Further information:**

No further information.

**2. HEALTH HAZARD INFORMATION****2.10 Health effects:**

Coumatetralyl is a first generation anticoagulant of the warfarin type.

Symptoms of overexposure relate to failure of the blood clotting mechanism and include bleeding gums and failure of blood clotting after skin wounds. After one exposure the toxicity of coumatetralyl is

relatively low, however if overexposure continues over several days the product becomes more toxic. That is, the product must be constantly present in the blood for more than 1 to 2 days in order to be highly toxic. A single exposure, even though relatively large, may not produce toxic symptoms as the compound is quite rapidly metabolised. Chronic: animal studies show no evidence of carcinogenic or teratogenic effects.

#### **2.11 First aid:**

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131126. Vitamin K1 (phytonadione) is antidotal. If swallowed, and if more than 15 minutes from a hospital, induce vomiting, preferably using Ipecac Syrup APF. If on skin, wash material off the skin with soap and water. If in the eye, hold eye open and flood with water for at least 15 minutes and see a doctor.

#### **2.12 Advice to Doctor:**

Refer to the section on Health Effects above. If poisoning occurs apply basic aid and decontamination procedures. Consideration should be given to inducing emesis and/or administering activated charcoal to prevent further absorption. Vitamin K1 (phytonadione) is antidotal. Administer Vitamin K1 regularly IV or orally until clotting times return to normal and remain normal. In severe poisonings blood transfusions may be required. Coumatetralyl is quickly metabolised so Vitamin K1 therapy may only need to be continued for a week. However monitor clotting times.

### **3. PRECAUTIONS FOR USE**

#### **3.1 Safety Precautions**

##### **3.10 Exposure standards:**

NOHSC exposure standards have not been established for the active constituent or any excipient of this formulation except:  
Talc - TWA 2.5 mg/cu metre (NOHSC)

##### **3.11 Engineering controls:**

When handling the product use the scoop or measure provided.

##### **3.2 Personal Protection**

##### **3.20 Personal protective measures:**

Poisonous if swallowed. Avoid contact with skin and eyes. Do not inhale dust. Do not touch the bait.

##### **3.21 Personal protective equipment:**

When using the product, and preparing the product for use, wear elbow length PVC gloves.

##### **3.22 Industrial hygiene:**

If product is on skin, and after each baiting, wash thoroughly with soap and water. After use and before drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves.

##### **3.3 Flammability**

##### **3.31 Protection against fire and explosion:**

Product is stable. Avoid strong oxidising agents.

### **4. SAFE HANDLING INFORMATION**

#### **4.1 Storage and Transport**

##### **4.10 Storage**

Keep out of reach of children.  
Store away from food, drink or animal feeding stuffs.  
Store below 30 degrees C.  
Keep away from heat or moisture.

##### **4.11 Transport:**

Classification according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)  
Shipping name: Not Available  
Packing group: None UN No: None Allocated  
DG Class: None Sub Risk: None Hazchem: None

##### **4.12 Dangerous Goods / Hazardous Substances Regulation**

This product is subject to the following regulations:  
- Standard for the Uniform Scheduling of Drugs and Poisons

##### **4.13 Further Information**

No further information.

##### **4.2 Spills and Disposals**

##### **4.21 After spillage/leakage/gas leakage:**

Prevent spillage from spreading or entering waterways and drains. Work from up-wind side of spill. Do not inhale dust. Vacuum or sweep up

spill. Fill material along with any contaminated soil etc., into sealable containers. Clean affected area with an aqueous detergent and a small amount of water. Absorb this with hydrated lime and place in a sealable drum. Spread hydrated lime over the affected area. Do not smoke, eat or drink during clean-up operation.

#### **4.22 Disposal:**

- 1) After intended use: 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.
- 2) After spill or accident: Dispose of sealed containers at an approved local waste disposal site.

#### **4.3 Fire/Explosion Hazards**

##### **4.30 Dangerous Decomposition or Combustion Products**

Thermal decomposition:

Hazardous polymerisation will not occur.

Hazardous decomposition products:

If involved in a fire: No hazardous decomposition products will be emitted.

Hazardous reactions: None

##### **4.31 Extinguishing media:**

Water fog or foam.

##### **4.32 Further information:**

Special firefighting procedures: Fight fire in the early stages if safe to do so. Wear respiratory protection.

Well ventilated areas: wear full face mask with combination filter eg., ABEK-P2 (offers no protection from carbon monoxide).

Enclosed premises: wear respirator with independent air supply.

Contain firefighting water.

#### **5. OTHER INFORMATION**

##### **5.10 Information on toxicity:**

LD50 Oral (ingestion) - rat 16.5 mg/kg

LD50 Dermal (skin contact) - rat 25-30 mg/kg

These data refer to the active constituent.

The toxicity of the product is greater after repeated exposure than in a single dose. Animal tests have shown coumatetralyl not to have any carcinogenic or teratogenic potential.

##### **5.20 Information on ecological effects:**

Do not allow dogs, cats or other mammals to contact this product.

No other ecological data available.

##### **5.30 FURTHER INFORMATION**

No further information.

#### **6. CONTACT POINT (for non-emergency calls)**

**6.10 Product safety coordinator of Bus.Group: ANIMAL HEALTH**

**6.20 Telephone Number: PH. (02) 9391-6000**

#### **DISCLAIMER**

This Material Safety Data Sheet has been developed according to the WORKSAFE Australia/NOHSC Code of Practice.

The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof.

The purpose of this Material Safety Data Sheet is to describe product in terms of their safety requirements.

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The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use of the product.

The physical data shown herein are typical values based on material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.

Due care should be taken to make sure that the use or disposal of this product and / or its packaging is in compliance with relevant Federal, State and Local Government regulations.