

# Material Safety Data Sheet

Product Name: **The Big Cheese All Weather Block Bait Rodenticide**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Address:** Unit 3, 19-23 Clarinda Road, Oakleigh South, Victoria, AUSTRALIA, 3167  
**Telephone:** (03) 9543 5600  
**Fax** (03) 9543 5300  
**Emergency** 13 11 26  
**Use(s)** Rodenticide  
**MSDS Date** 1<sup>st</sup> February 2012

## 2. HAZARDS IDENTIFICATION

The preparation is non-hazardous, non-dangerous.

Unlikely to cause harmful effects under normal conditions of handling and use. Harmful to wildlife. Wild mammals and birds may be at greater risk if the product is not used in accordance with its label.

**UN No. P** kg None Allocated  
**DG Class** None Allocated  
**Subsidiary Risk(s)** None Allocated  
**Group** None Allocated  
**Hazchem Code** None Allocated  
**EPG** None Allocated  
**Poisons Sch** Schedule 6 Poison

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Risk Phrases	CAS No.	Content
Difenacoum	T+,R28 T, R48/25 N, R50/53	56073-07-5	0.005%
Denatonium Benzoate	Xn, R20 Xn, R22 Xi, R37 Xi, R38 Xi, R41 R52/53	3734-33-6	0.001%
Propane 1,2-diol		57-55-6	1-10%
(Propane 1,2 particulates) Sugar		57-50-1	1-10%
(Sucrose) Paraffin Wax		8002-74-2	30-40%
1,2 Benzisothiazolin – 3 - One	Xn, R22 Xi, R38-41 R43, R50	2634-33-5	<0.02%

**Risk Phrases**

R20	Harmful by inhalation	R41	Risk of serious damage to eyes
R22	Harmful if swallowed	R43	May cause sensitisation by skin contact
R28	Very toxic if swallowed	R38	Irritating to skin
R37	irritating to respiratory system	R50	Very toxic to aquatic organisms
R48/25	Toxic: danger of serious damage to health by prolonged exposure if swallowed		
R50/53	Very toxic to aquatic organisms, may cause long term adverse effects in aquatic environment.		
R52/53	Harmful to aquatic organisms, may cause long term adverse effects in aquatic environment.		

## 4. FIRST AID MEASURES

**In case of accident or if you feel unwell, seek medical advice immediately.**

**For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126) or a doctor.**

**Eye**

May cause eye irritation of susceptible persons. Rinse immediately with plenty of water and seek medical advice if irritation persists.

**Inhalation**

Unlikely to present an inhalation hazard unless excessive dust is present. Move the exposed person to fresh air. Obtain medical advice immediately.

**Skin**

May cause skin irritation in susceptible persons. Remove all contaminated clothing. Wash off immediately with plenty of soap and water. If irritation persists obtain medical attention. Contaminated clothing should be washed and dried before re-use.

**Ingestion**

If swallowed, seek medical advice immediately and show this container or label.

**Advice to Doctor**

Difenacoum is an anticoagulant which may produce bleeding: this may be delayed for several days after exposure. If there is no active bleeding the INR (prothrombin) time should be measured on presentation and 48-72 hours after exposure. If the INR is greater than 4, administer Vitamin K1, 5-10mg by slow intravenous injection (100 ug/kg body weight for a child). Treatment with phytomenadione (orally or intravenously) may be required for several weeks. The advice of the National Poisons Information Services should be sought, particularly if active bleeding occurs.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**

Keep fire exposed containers cool by spraying with water if exposed to fire. Carbon dioxide Alcohol resistant foam. Dry Chemical. Use extinguishing media appropriate to the surrounding fire conditions.

**Unsuitable Extinguishing Media**

Do not use water jets.

**Advice for fire-fighters**

In the event of fire water self contained breathing apparatus, suitable gloves and boots.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, protective equipment and emergency procedures

Wear suitable protective clothing, gloves and eye/ face protection.

### Environmental Precautions

Prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers.

### Methods and material for containment and cleaning up

Clean up promptly by sweeping or vacuum. Transfer to a sustainably labelled container.

Subsequently, wash the contaminated area with water, taking care to prevent the washings entering sewers or drains.

## 7. STORAGE AND HANDLING

### Storage

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use. Keep away from oxidising agents. Keep away from food and animal feed stuffs.

### Precaution for safe handling

Avoid contact with eyes and skin. Avoid formation of dust. Do not smoke eat or drink whilst handling this product. Always use good personal hygiene procedures when handling chemicals. Wash hands and face before eating, drinking or smoking. Read label before use. Unlikely to produce dust as the product is a wax block.

### Specific end uses

Ready for use rodenticide containing 50ppm difenacoum.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Propane – 1,2-diol (Propane- 1,2-diol particulates)	WEL 8-HR limit ppm: WEL 15min limit ppm:	WEL 8-HR limit mg/m <sup>3</sup> :10 WEL 15min limit mg/m <sup>3</sup> :
Propane – 1,2-diol (Propane-1,2-diol total vapour and particulates)	WEL 8 hr limit ppm:150 WEL 15min limit ppm:	WEL 8 hr limit mg/m <sup>3</sup> :474 WEL 15min limit mg/m <sup>3</sup> :
Sugar (Sucrose)	WEL 8 hr limit ppm: WEL 15min limit ppm:	WEL 8hr limit mg/m <sup>3</sup> :10 WEL 15min limit mg/m <sup>3</sup> :6
Paraffin Wax	WEL 8hr limit ppm: WEL 15min limit ppm:	WEL 8hr limit mg/m <sup>3</sup> :2 WEL 15min limit mg/m <sup>3</sup> :6
Paraffin Wax (Paraffin Wax, Fume)	WEL 8hr limit ppm: WEL 15min limit ppm:	WEL 8 hr limit mg/m <sup>3</sup> :2 WEL 15min limit mg/m <sup>3</sup> :6

WEL = Workplace Exposure Limit

**Respiratory Protection**

Not required under normal conditions of handling and use.

**Hand Protection**

Impervious gloves.

**Eye Protection**

Not required under normal conditions of handling and use.

**Protective Equipment**

Impervious clothing. Boots

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Blue Wax Block
<b>Odour</b>	Slight
<b>pH</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT DETERMINED
<b>Vapour Density</b>	NOT AVAILABLE
<b>Flash Point</b>	NOT RELEVANT
<b>Evaporation Rate</b>	NOT AVAILABLE
<b>Auto-ignition Temperature</b>	NOT AVAILABLE
<b>Flammability limits</b>	Combustible

## 10. STABILITY AND REACTIVITY

**Chemical Stability**

Stable under normal conditions of use.

**Conditions to Avoid**

Avoid contact with foodstuffs. Avoid exposure to heat, sparks and open flames.

**Incompatible materials:**

Incompatible with oxidising agents.

**Hazardous Decomposition Products**

Combustion or thermal decomposition will produce toxic and irritant fumes.

**Hazardous Reactions**

Possibility of hazardous reactions.

## 11. TOXICOLOGICAL INFORMATION

**Difenacoum**

Oral Rat	LD50=1.8mg/kg
Dermal Rat	LD50=51.5-63 mg/kg propane – 1,2-diol
Inhalation Rat	LC50/4h = 16.27-20.74 ug/l

**Denatonium Benzoate**

Oral Rat LD50 =1.8mg/kg

Inhalation Rat LC50/4 h = 0.2mg/l

Oral Rat LD50 =&gt;2000 mg.kg

**Propane- 1,2-diol**

Oral Rat LD50 =&gt;2000mg.kg

**Acute toxicity**

ORL RAT LD50 approx. 30g/kg (calculated).

**Corrosivity**

No irritation expected.

## 12. ECOLOGICAL INFORMATION

As the product contains 50ppm Difenacoum it is unlikely to be hazardous to aquatic life.

**Ecotoxicity**

Avoid contaminating waterways.

Harmful to wildlife. Read all precautions before use.

**Difenacoum**

Algae EC50/72h=0.51mg/l

Daphnia LC50/48h=0.91mg/l

Rainbow trout LC50/96h=0.33mg/l

**Propane-1,2-diol**

Daphnia EC50/48h=4850mg/l

Fish LC50/96h=4600mg/l

## 13. DISPOSAL CONSIDERATIONS

**General Information**

Dispose of as hazardous waste in compliance with all local and national regulations.

**Disposal of Packaging**

Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

## 14. TRANSPORT INFORMATION

**Road and Rail Transport**

Not classified as Dangerous Goods.

**Sea Transport**

Not classified as Dangerous Goods.

**Air Transport**

Not classified as Dangerous Goods.

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture.**

### **Labelling**

The product is classified as non-hazardous and is labelled in accordance with Biocides Directive 98/8 EEC. Read label before use.

### **Safety, Health and Environmental Regulations.**

Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010. Biocides Directive 98/8 EEC. Poisons Schedule : Drugs & Poisons, Schedule 6.

## 16. OTHER INFORMATION

### **Disclaimer**

This document is based on information concerning the product which has been provided to BGP by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.

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