



Section 1 - Identification of the Material and Supplier

Trade Name: RAMPAGE RAT & MOUSE BAIT
Other Names: None
Product Use: Rodenticide
Supplier: Barmac (a division of) Amgrow Pty Ltd
3/29 Birnie Ave
Lidcombe NSW 2141
Phone: 02 9395 1200 (office hours) Fax: 02 9395 1241
www.amgrow.com.au
This version issued: December 2016 and is valid for 5 years from this date.

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

THIS PRODUCT IS CLASSIFIED AS: HAZARDOUS ACCORDING TO THE CRITERIA OF SWA. (Xn Harmful) NOT A DANGEROUS GOOD ACCORDING TO AUSTRALIAN DANGEROUS GOODS (ADG) CODE, IATA OR IMDG/IMSBC CRITERIA.

Risk Phrases: R23/24/25 Toxic by inhalation, in contact with skin and if swallowed; E48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.

Safety Phrases: S28 After contact with skin, wash immediately with soap and water; S36/27 Wear suitable protective clothing and gloves; S45 In case of accident or if you feel unwell, seek medical advice immediately.

SUSMP Classification: S7

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated



GHS Signal word: DANGER

HAZARD STATEMENT

- H301: Toxic if swallowed
- H372: Causes damage to organs through prolonged or repeated exposure.
- H311: Toxic in contact with skin
- H331: Toxic if inhaled

PREVENTION

- P102: Keep out of reach of children.
- P103: Read label before use
- P260: Do not breathe dust
- P264: Wash contacted areas thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P280: Wear protective clothing

RESPONSE

- P301+P310+P330: IF SWALLOWED immediately call a POISON CENTRE or doctor. Rinse mouth
- P302+P352: IF ON SKIN wash with soap and water
- P304+P310: IF INHALED immediately call a POISON CENTRE or doctor
- P312: Call a POISON CENTRE or doctor if you feel unwell
- P321: Specific treatment - treatment with calcitonin is effective in reducing calcium to normal levels.

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P370+P378: In case of fire: Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.

STORAGE

P403+P233: Store in a well ventilated place. Keep container tightly closed

DISPOSAL

P501: Dispose of contents and containers to an approved waste disposal facility

Emergency Overview

Physical Description & Colour: Blue pellets

Odour: Sweet grain-like odour

Major Health Hazards: Very toxic if inhaled, toxic in contact with skin and toxic if swallowed

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc. %
Cholecalciferol	67-97-0	0.075
Other non hazardous ingredients	secret	to 100

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Section 4 - First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Ingestion: Call physician or emergency number immediately. Do not give anything by mouth or induce vomiting unless instructed by physician.

Inhalation: Toxic by inhalation but nature of product makes inhalation improbable.

Eye contact: Flush with cool water for at least 15 minutes. If irritation develops, obtain medical assistance.

Skin contact: Wash with soap and water. If irritation develops, obtain medical assistance.

Advice to physician: Treatment with calcitonin is effective in reducing calcium to normal levels.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

High temperature decomposition or burning in air can result in the formation of toxic gases

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: No data

Upper Flammability Limit: No data.

Lower Flammability Limit: No data.

Autoignition temperature: No data.

Flammability Class: No data.

Section 6 - Accidental Release Measures

Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage.

Wear impermeable gloves and protective clothing. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

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Storage: This product is a Scheduled Poison – S7 Dangerous Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

SWA Exposure Limits TWA (mg/m³) STEL (mg/m³)

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501 set 2008**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: Ensure that the work environment remains clean and that dusts are minimised as this product is toxic by inhalation..

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: The information at hand indicates that this product is harmful so skin protection is necessary. Wear suitable gloves (preferably elbow-length) and protective clothing.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Blue pellets
Odour:	Sweet grain-like odour.
Boiling Point:	Not applicable.
Freezing/Melting Point:	No specific data. Solid at normal temperatures.
Volatiles:	Not applicable.
Vapour Pressure:	Not applicable.
Vapour Density:	Not applicable.
Density:	1.12
Water Solubility:	Insoluble.
pH:	Not relevant (not dispersible with water)
Volatility:	No data.
Evaporation Rate:	Not applicable.
Coeff Oil/water Distribution:	No data
Viscosity:	Not applicable.
Flash Point:	No data.

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities: Avoid strongly alkaline materials

High temperature decomposition or burning in air can result in the formation of toxic gases

Polymerisation: This product will not undergo polymerisation reactions.

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Section 11 - Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs but prolonged or repeated exposure may cause damage to organs.

Potential Health Effects

Inhalation: Toxic by inhalation although nature of product makes exposure unlikely

Skin Contact: Toxic in contact with skin

Eye Contact: Not irritating to eyes

Ingestion: Toxic if ingested. Ingestion of excessive quantities may cause hypocalcaemia, anorexia, nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhoea, profuse sweating, headache

Will cause damage to organs through prolonged or repeated exposure.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Animal Toxicity Data:

Cholecalciferol LD50 (oral) rabbit 9.0 mg/kg; Possum 16.8 mg/kg ; Norway rat 42.5 mg/kg; Mouse, 43.6 mg/kg; Dog, 80 mg/kg

Classification of Hazardous Ingredients

Ingredient

Risk Phrases

Cholecalciferol

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.; E48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed

Section 12 - Ecological Information

This product is a Vertebrate Toxic Agent (VTA) so there is potential for harm to non-target terrestrial vertebrates. Avoid exposure to non-target species including domestic pets. If poisoning is suspected of domestic animals or livestock, consult a veterinarian immediately.

Advice to Veterinarians

Active Ingredient is Cholecalciferol Vitamin D3

General: If the animal is asymptomatic and there is no contraindication for emetics use apomorphine (dogs) or Xylanize (cats) or other acceptable emetic. Administer large quantities of fluid and electrolytes (no calcium) by mouth or intra venous (saline solution) with an appropriate diuretic like Frusemide. Give activated charcoal over several days to assist in removal of Cholecalciferol and metabolites. Patient should be placed on a low calcium diet. Exposure to sunlight should be avoided.

Aquatic toxicity

The product has identified as being harmful in the aquatic environment.

Persistence/degradability

No specific product information available. However no components have been identified as being persistent in the environment.

Mobility

No information available.

Section 13 - Disposal Considerations

Disposal: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

The following ingredient: Cholecalciferol is mentioned in the SUSMP.

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Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail	IMDG	International Maritime Dangerous Good
AICS	Australian Inventory of Chemical Substances	IMSBC	International Maritime Solid Bulk Code
CAS number	Chemical Abstracts Service Registry Number	NTP	National Toxicology Program (USA)
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters	SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
IARC	International Agency for Research on Cancer	SWA	Safe Work Australia (formerly ASCC and NOHSC)
IATA	International Air Transport Authority	UN Number	United Nations Number

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 MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. 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.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

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