

Safety Data Sheet

Version: 1.0
Date / Revised: 18.03.2016

SELONTRA® SOFT BAIT RODENTICIDE / PRD 30640413

Date of Print: 18.03.2016

1. Substance/preparation and company identification

SELONTRA® SOFT BAIT RODENTICIDE

Use: Ready to use soft bait rodenticide for the control of rats and mice resistant to anticoagulants.

Manufacturer / supplier:

BASF Australia Limited (ABN 62 008 437 867)
Level 12, 28 Freshwater Place
Southbank VIC 3006
AUSTRALIA
Telephone: +61-3-8855 6600
Telefax: +61-3-8855 6511

Emergency information (24 h):

Within Australia: 1800 803 440
Outside Australia: +61 3 8855 6666

2. Hazards Identification

NON-HAZARDOUS SUBSTANCE – NON-DANGEROUS GOODS.

The product is not classified as a hazardous chemical in accordance with GHS criteria.

Keep out of reach of children.
Keep away from food, drink and animal feeding stuffs.
When using, do not eat, drink or smoke.

3. Composition/Information on Ingredients

Chemical nature:

Rodenticide bait containing Cholecalciferol

Hazardous ingredients

Cholecalciferol	Content: 0.075% CAS Number: 67-97-0 Acute toxicity (inhalation, dust) – Category 2 Acute toxicity (oral) – Category 2 Acute toxicity (dermal) – Category 2 STOT RE (kidney, blood vessel system) – Category 1
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4. First-Aid Measures

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General advice:

Remove contaminated clothing. If poisoning occurs, get to a doctor or hospital quickly.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

Note to physician:

Symptoms: No significant reaction of the human body to the product known.

Hazards: Chronic overexposure has been reported to cause hypercalcemia.

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Suitable extinguishing media:

Water spray, dry powder, foam.

Unsuitable extinguishing media for safety reasons:

Carbon dioxide.

Specific hazards:

The following substances can be released in a fire: carbon monoxide, carbon dioxide, nitrogen oxides.

Further information:

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately and do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:

Avoid contact with the skin, eyes and clothing.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning-up or taking-up:

Wipe up spills with paper towels or cloth and dispose in accordance with regulations. Collect waste in suitable containers, which can be labelled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

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7. Handling and Storage

Handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using, do not eat, drink or smoke. Avoid contact with eyes and skin. Hands and/or face should be washed before breaks and at the end of the shift. DO NOT place baits in locations which are accessible to other animals or birds. DO NOT place baits in areas accessible to domestic animals, children, pets and wildlife. DO NOT place baits in areas liable to flooding.

Protection against fire and explosion:

No special precautions necessary as the product is non-combustible and non-explosive.

Storage:

Store in the closed original container in a cool, well-ventilated place. Do not store for prolonged periods in direct sunlight. Keep container dry. Keep away from heat. Protect against moisture. Store in a locked room or place away from children, animals, food and feedstuffs, seed and fertilisers. Containers which have held bait should not be used for any other purpose. Pest Control Operators should dispose of empty containers, used bait stations and unused or untaken bait by burying in an approved dump.

8. Exposure Controls and Personal Protection

Exposure limit values

No workplace exposure standard is applicable for this product.

Respiratory protection:

No respiratory protection required.

Hand protection:

Disposable gloves are recommended when opening the product, using the product, disposing of unused baits and retrieving dead and dying rodents.

Eye protection:

Required when there is a risk of eye contact, e.g. safety glasses with side-shields.

Body protection:

Cotton overalls buttoned to the neck and wrist (or equivalent clothing).

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing (e.g. cotton overalls) is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Avoid contact with eyes and skin. After each day's use wash contaminated clothing.

9. Physical and Chemical Properties

Form:	paste, semi-soild
Colour:	grey to green
Odour:	sweetish, faint odour
pH value:	approx. 5 – 7 (1%, 20°C)
Boiling point:	not tested
Melting range:	not tested

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Flash point:	not applicable	
Lower explosion limit:	not available	
Upper explosion limit:	not available	
Explosion hazard:	not explosive	
Self ignition:	318°C	(Regulation 440/2008/EC, A.16)
Vapour pressure:	not applicable	
Density:	approx. 1.32 g/cm ³ (20°C)	
Solubility in water:	insoluble	
Solubility:	not available for other media	
Partitioning coefficient n-octanol/water (log Pow):	not applicable	
Viscosity	not applicable	
Evaporation rate:	not available	

10. Stability and Reactivity

Conditions to avoid:

Keep away from heat. Protect from direct sunlight. Protect against moisture.

Thermal decomposition:

No decomposition if stored and handled as per the directions on the label.

Materials to avoid:

Strong acids, strong bases and strong oxidising agents.

Hazardous reactions:

No hazardous reactions when stored and handled according to label instructions.

Hazardous decomposition products:

No hazardous decomposition product when stored and handled according to label instructions.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Virtually non-toxic after a single ingestion. Virtually non-toxic by inhalation. Virtually non-toxic after a single skin contact. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on cholecalciferol:

LD50 rat (oral): 35- 47 mg/kg (literature data)

LC50 rat (inhalation): approx. 0.13 – 0.38 mg/l/4 h (literature data)

LC50 rat (dermal): 61 – 185 mg/kg (literature data)

Irritation

Assessment of irritating effects:

Not irritating to the skin. Not irritating to the eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

Sensitization

Assessment of sensitization:

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There is no evidence of a skin-sensitizing potential. The product has not been tested. The statement has been derived from the properties of the individual components.

Germ cell mutagenicity

Assessment of mutagenicity:

Mutagenicity tests revealed no genotoxic potential. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Assessment of carcinogenicity:

The results of various animal studies gave no indication of a carcinogenic effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Reproductive toxicity

Assessment of reproduction toxicity:

The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Developmental toxicity

Assessment of teratogenicity:

Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity and Specific Target Organ Toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Repeated exposure to small quantities of cholecalciferol may affect certain organs. The substance may cause damage to the kidney even after repeated ingestion of low doses, as shown in animal studies. The substance may cause damage to blood vessels even after repeated ingestion of low doses, as shown in animal studies.

Other relevant toxicity information:

Misuse can be harmful to health. Poisonous if swallowed or absorbed through the skin. Repeated minor exposure may have accumulative poisoning effect. Avoid contact with eyes and skin.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Cholecalciferol:

Toxicity to fish:

LC50 (96 h): > 10000 mg/l, *Leuciscus idus* (DIN 38412 Part 15, static)

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The product has low solubility in the test medium. An aqueous dispersion has been tested. Tested above maximum solubility. The details of the toxic effect relate to the nominal concentration.

Toxicity to aquatic invertebrates:

EC50 (48 h): > 100 mg/l, *Daphnia magna* (OECD Guideline 202, Part 1, static)

The product has low solubility in the test medium. An eluate has been tested. The details of the toxic effect relate to the nominal concentration. No toxic effects occur within the range of solubility.

Toxicity to aquatic plants:

EC50 (96 h): > 100 mg/l (growth rate), *Selenastrum capricornutum* (OECD Guideline 201, static)

The product has low solubility in the test medium. An eluate has been tested. The details of the toxic effect relate to the nominal concentration. No toxic effects occur within the range of solubility.

Assessment of terrestrial toxicity:

This bait is hazardous to pigs, cats, dogs, poultry, birds and wildlife.

Mobility

Assessment transport between environmental compartments:

Not determined.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Not determined.

Bioaccumulation potential

Assessment bioaccumulation potential:

Information on Cholecalciferol

Bioconcentration factor: 344 (calculated)

Bioconcentration factor: 0.15, *Eisenia foetida* (OECD Guideline 317)

Additional information

Other ecotoxicological advice:

Must not be discharged into the environment.

13. Disposal Considerations

Waste disposal of substance:

Dispose of in accordance with relevant local, state or territory government regulations. Do not incinerate product.

Contaminated packaging:

Do not dispose of chemical on site. When unused baits are in good condition, return to original container for reuse. For empty containers, break, crush or puncture and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product. Look for dead rats or mice and burn or bury them. DO NOT place dead rats or mice in refuse bins or rubbish tips. Inspect all bait stations regularly and ensure baits are removed when rodent activity has ceased. Containers which have held bait should not be used for any other purpose.

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14. Transport Information

Domestic transport (ADG):

Not classified as a dangerous good under transport regulations.

Sea transport (IMDG):

Not classified as a dangerous good under transport regulations.

Air transport (ICAO/IATA):

Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP)

Poisons Schedule: Schedule 7

Registration status

APVMA Approval Number To be confirmed

16. Other Information

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.