

Safety Data Sheet

Version: 1.2
Date / Revised: 04.05.2015

SOREXA® PRO RODENTICIDE GEL

Date of Print: 04.05.2015

1. Substance/preparation and company identification

SOREXA® PRO RODENTICIDE GEL

Use: Rodenticide gel for the control of Brown or Norway Rat and mice.

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.

Read safety directions before opening or using.

If medical advice is needed, have product container or label at hand.

Do not eat, drink or smoke when using this product.

The product is hazardous to mammals, including domesticated animals and birds.

Exposure of non-target animals should be prevented.

3. Composition/Information on Ingredients

Chemical nature:

Rodenticide gel containing Difenacoum (Content: (W/W): 0.005%)
CAS Number: 56073-07-5

4. First-Aid Measures

General advice:

Remove contaminated clothing. If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water.

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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: Coagulation disorders with increased tendency to bleed. In severe cases, massive bleeding from internal organs may result in circulatory shock, which could prove fatal. The onset of symptoms is delayed for up to 4 days after uptake. Hazards: The substance / product is an anticoagulant rodenticide with a coumarin-type mode of action. Difenacoum is a long lasting anticoagulant chemical, which if ingested by humans, domestic animals or pets, can reduce the clotting power of the blood and haemorrhage may result. Repeated minor exposure may have a cumulative poisoning effect.

Treatment: Symptomatic treatment (decontamination, vital functions). Vitamin K1 (phytomenadione) is antidotal. Vitamin K1 should be administered urgently by medical, appropriate para-medical personnel or veterinarians. If administered intravenously the injection should be given slowly.

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.

6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. 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. Hands and/or face should be washed before breaks and at the end of the shift. Do not apply product in the open – cover bait points or use bait boxes. If dead and/or dying rats or mice are found during and after the control program, these must be cleared away immediately in order to avoid secondary poisoning phenomena.

Protection against fire and explosion:

No special precautions necessary.

Storage:

Store in original container, tightly closed, in a safe place. Segregate from food and animal feeds. The product is odour-sensitive: segregate from products releasing odours. Keep away from heat. Protect from direct sunlight.

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:

Protective gloves are required for the safe handling of this product and also recommended for protection against rodent-borne diseases, e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm) or polyvinylchloride (0.7 mm).

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.

9. Physical and Chemical Properties

Form:	paste, semi-soild
Colour:	green
Odour:	odourless
pH value:	not tested
Boiling point:	> 350°C (solvent)
Melting range:	approx. -5°C (solvent)
Flash point:	> 300°C (solvent)
Lower explosion limit:	not available

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Upper explosion limit:	not available
Explosion hazard:	not explosive
Self ignition:	not self-igniting
Vapour pressure:	approx. > 1 mbar (solvent)
Density:	approx. 1.10 g/cm ³ (20°C)
Solubility in water:	insoluble
Solubility:	not available for other media
Partitioning coefficient n-octanol/water (log Pow):	7.6 (20°C) – Difenacoum
Viscosity	not applicable
Evaporation rate:	not available

10. Stability and Reactivity

Conditions to avoid:

Keep away from heat. Protect from direct sunlight.

Thermal decomposition:

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

Materials to avoid:

Strong acids, strong bases and strong oxidizing agents.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:

No hazardous decomposition product when stored and handled according to 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.

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:

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:

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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 difenacoum may affect certain organs. Damages the coagulation system.

Other relevant toxicity information:

Misuse can be harmful to health.

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 Difenacoum:

Toxicity to fish:

LC50 (96 h): 0.064 mg/l, *Oncorhynchus mykiss* (Directive 92/69/EEC, C.1)

Toxicity to aquatic invertebrates:

EC50 (48 h): 0.52 mg/l, *Daphnia magna* (Directive 92/69/EEC, C.2)

Toxicity to aquatic plants:

No observed effect concentration (72 h): 0.25 mg/l (growth rate), *Pseudokirchneriella subcapitata* (Guideline 92/69/EEC, C.3)

Assessment of terrestrial toxicity:

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Hazardous to birds and mammals.

Mobility

Assessment transport between environmental compartments:

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of the groundwater is not expected. The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Difenacoum is not readily biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control.

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:

Triple or preferably pressure rinse containers before disposal. Dispose of rinsings and unused or untaken bait in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit. Empty containers and product should not be burnt. Search for dead mice and rats – burn or bury them; do not place in refuse bins or rubbish tips. Inspect all bait stations regularly and ensure baits are removed when rodent activity has ceased. Containers that held bait should not be used for any other purpose.

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):

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15. Regulatory Information

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

Poisons Schedule: Schedule 6

Registration status

APVMA Approval Number 61848/51053

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.