

# Safety data sheet

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BASF Safety data sheet

Date / Revised: 15.04.2010

Product: **SOREXA® PRO RODENTICIDE BLOCKS**

Version: 1.1

(30486502/SDS\_GEN\_AU/EN)

Date of print 15.04.2010

## 1. Substance/preparation and company identification

### **SOREXA® PRO RODENTICIDE BLOCKS**

Use: Chemical

Company:

BASF Australia Limited (ABN 62 008 437 867)

Level 12, 28 Freshwater Place Southbank

Victoria 3006, AUSTRALIA

Telephone: +61 3 8855-6600

Telefax number: +61 3 8855-6511

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]

BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

## 2. Hazard identification

NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

No specific dangers known, if the regulations/notes for storage and handling are considered.

## 3. Composition/information on ingredients

Chemical nature

rodenticide, biocide, Bait

Contains: Difenacoum (Content (W/W): 0.005 %)

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#### 4. First-Aid Measures

General advice:

Avoid contact with the skin, eyes and clothing. Take off immediately all contaminated clothing. First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. Seek medical attention if necessary.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately with water. Do not induce vomiting. Seek medical attention if necessary.

Note to physician:

Symptoms: coagulation disorders, blood in urine, internal bleeding, shock, weakness, loss of appetite

Treatment: Symptomatic treatment (decontamination, vital functions).

Antidote: Vitamin K1 preparation as antidote. Medical monitoring for at least 24-48 hours.

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#### 5. Fire-Fighting Measures

Suitable extinguishing media:

water spray, dry extinguishing media, foam, carbon dioxide

Specific hazards:

carbon monoxide, carbon dioxide, nitrogen oxides

The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

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

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#### 6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

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**Environmental precautions:**

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

**Methods for cleaning up or taking up:**

Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Incinerate or take to a special waste disposal site in accordance with local authority regulations.

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## 7. Handling and Storage

### Handling

No special measures necessary if stored and handled correctly. 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. Do not apply in the open (use bait boxes, bait cartons or foil bags).

**Protection against fire and explosion:**

The product is combustible but not self combustible not explosive and does not add to the spreading of fire. Dust can form an explosive mixture with air. Avoid dust formation. Avoid deposition of dust.

Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

### Storage

Segregate from foods and animal feeds.

Further information on storage conditions: Protect against moisture. Keep away from heat. Protect from direct sunlight. Keep locked-up and out of reach of children.

**Storage stability:**

Storage duration: 24 Months

Protect from temperatures above: 30 °C

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

no exposure standard allocated

### Personal protective equipment

**Respiratory protection:**

Breathing protection if breathable aerosols/dust are formed. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

**Hand protection:**

Although gloves are not required for the safe use of the product, they are recommended for protection against rodent-borne diseases.

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Eye protection:  
 Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:  
 Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:  
 Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended. Handle in accordance with good industrial hygiene and safety practice. Keep separated from food stuffs and feed stocks. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift. Store work clothing separately.

## 9. Physical and Chemical Properties

Form: wax, blocks  
 Colour: green  
 Odour: almost odourless

pH value:  
 not soluble, The product has not been tested.

Information on: Paraffin waxes and Hydrocarbon waxes  
 softening range: > 40 °C (DIN ISO 2207)

Boiling point:  
 The product is a non-volatile solid.

Information on: Paraffin waxes and Hydrocarbon waxes  
 Flash point: > 150 °C (DIN ISO 2592)

Flammability: does not ignite  
 Information on: Paraffin waxes and Hydrocarbon waxes  
 Ignition temperature: > 300 °C

Explosion hazard: not explosive  
 Fire promoting properties: not fire-propagating

Vapour pressure:  
 not determined

Density: 1.2 g/cm<sup>3</sup> (calculated)  
 (20 °C)

Relative density: approx. 1.2  
 (20 °C)

Solubility in water: not soluble  
 Information on: Difenacoum  
 Partitioning coefficient n-octanol/water (log Pow): 7.6  
 (20 °C)

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Surface tension:  
not determined

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## 10. Stability and Reactivity

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:  
No substances known that should be avoided.

Corrosion to metals: No data available.

Hazardous reactions:  
No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

Hazardous decomposition products:  
No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Acute toxicity

Information on: Difenacoum  
LD50 rat (oral): 1.8 mg/kg  
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Information on: Difenacoum  
LC50 rat (by inhalation): 0.00346 - 0.005848 mg/l 4 h  
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Information on: Difenacoum  
LD50 rat (dermal): 63 mg/kg  
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### Irritation

Information on: Difenacoum  
Primary skin irritation rabbit: non-irritant  
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Information on: Difenacoum  
Primary irritations of the mucous membrane rabbit: non-irritant  
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### Sensitization

Information on: Difenacoum

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Guinea pig maximization test : Skin sensitizing effects were not observed in animal studies.  
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### Other relevant toxicity information

Misuse can be harmful to health. The product has not been tested. The statement has been derived from the properties of the individual components.

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## 12. Ecological Information

### Ecotoxicity

Information on: Difenacoum

Toxicity to fish:

LC50 (96 h) 0.064 mg/l, Oncorhynchus mykiss  
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Information on: Difenacoum

Aquatic invertebrates:

LC50 (48 h) 0.52 mg/l, Daphnia magna  
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Information on: Difenacoum

Aquatic plants:

No observed effect concentration (72 h) 0.25 mg/l (growth rate), Pseudokirchneriella subcapitata  
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Assessment of terrestrial toxicity:  
Hazardous to birds and mammals.

### Persistence and degradability

Information on: Difenacoum

Assessment biodegradation and elimination (H<sub>2</sub>O):

Not readily biodegradable (by OECD criteria).  
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### Additional information

Other ecotoxicological advice:

The product has not been tested. The statement has been derived from the properties of the individual components.

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## 13. Disposal Considerations

Must be dumped or incinerated in accordance with local regulations.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in accordance with official regulations after being thoroughly cleaned.

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## 14. Transport Information

### Domestic transport:

Not classified as a dangerous good under transport regulations

### Sea transport

IMDG

Not classified as a dangerous good under transport regulations

### Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

Standard for the Uniform Scheduling of Drugs and Poisons (Australia):

Poisons Schedule: Drugs & Poisons, Schedule 6

### Other regulations

#### Registration status:

AICS, AU released / exempt  
APVMA Approval No. 61842

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## 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.