

Safety data sheet

Page: 1/8

BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 16.11.2009

Version: 2.0

Product: **SOREXA GEL**

(30471437/SDS_GEN_EU/EN)

Date of print 17.11.2009

1. Identification of the substance/mixture and of the company/undertaking

SOREXA GEL

Use: rodenticide, biocide

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Operating Division Crop Protection

Telephone: +49 621 60-27777

Telefax number: +49 621 60-27125

E-mail address: Produktinformation-Pflanzenschutz@basf.com

Emergency information:

International emergency number:

Telephone: +49 180 2273-112

2. Hazards Identification

Possible Hazards (according to Directive 67/548/EWG or 1999/45/EC)

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

3. Composition/Information on Ingredients

Chemical nature

rodenticide, Bait

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

4. First-Aid Measures

General advice:

Avoid contact with the skin, eyes and clothing. Immediately remove contaminated clothing. If difficulties occur: Obtain medical attention. Show container, label and/or safety data sheet to physician.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

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 and then drink plenty of water, seek medical attention. Do not induce vomiting.

Note to physician:

Information on: Difenacoum

Hazards: The product contains a blood coagulation inhibitor. Symptoms of poisoning may only appear after several hours.

Information on: Difenacoum

Treatment: Symptomatic treatment (decontamination, vital functions). Medical monitoring for at least 24-48 hours.

Antidote: Vitamin K1 preparation as antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:

water spray, foam, dry extinguishing media, 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:

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, 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:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Avoid dust formation. Remove contaminated clothes, undergarments and shoes immediately.

Environmental precautions:

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

Methods for cleaning up or taking up:

For small amounts: Sweep/shovel up.

For large amounts: Sweep/shovel 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.

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:

Substance/product is non-flammable. The product is combustible.

Storage

Segregate from foods and animal feeds.

Further information on storage conditions: Keep locked-up and out of reach of children. Keep in a cool, well-ventilated place. Keep away from heat. Protect against moisture. Protect from direct sunlight.

Storage stability:

Storage duration: 24 Months

Protect from temperatures above: 30 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

8. Exposure Controls/Personal Protection

Components with workplace control parameters

8002-13-9: Rape oil

57-50-1: sucrose

102-71-6: 2,2',2"-nitrioltriethanol

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.

Eye protection:

Safety glasses, Required when there is a risk of eye contact.

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. Wearing of closed work clothing is recommended.

Remove contaminated clothing immediately and dispose of safely. Store work clothing separately.

Keep away from food, drink and animal feeding stuffs. 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.

9. Physical and Chemical Properties

Form: paste, semi-solid

Colour: green

Odour: odourless

pH value: not determined

Melting point: The substance / product decomposes therefore not determined.

Boiling point: not determined

Information on: Rape oil

Flash point: > 300 °C

Flammability: not highly flammable

Information on: Rape oil

Ignition temperature: > 300 °C

Explosion hazard: Based on the chemical structure there is no indicating of explosive properties.

Fire promoting properties: Based on its structural properties the product is not classified as oxidizing.

Information on: Rape oil

Vapour pressure: < 1 mbar
(20 °C)

Density: approx. 1.1 g/cm³

Relative density: approx. 1.1
(20 °C)

Bulk density: not determined

Solubility in water: insoluble

Partitioning coefficient n-octanol/water (log Pow): not applicable

Information on: Difenacoum

Partitioning coefficient n-octanol/water (log Pow): 7.6
(20 °C)

Surface tension: not determined

Viscosity, dynamic: not determined

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.

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

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

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:
Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

Irritation

Assessment of irritating effects:
Not irritating to eyes and skin.

Respiratory/Skin sensitization

Assessment of sensitization:
Skin sensitizing effects were not observed in animal studies.

Germ cell mutagenicity

Assessment of mutagenicity:
No data available concerning mutagenic effects.

Carcinogenicity

Assessment of carcinogenicity:
No data available concerning carcinogenic effects.

Reproductive toxicity

Assessment of reproduction toxicity:
No data available concerning reproduction toxicity.

Developmental toxicity

Assessment of teratogenicity:
No data available concerning teratogenic effects.

Other relevant toxicity information

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

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:
No data available concerning aquatic toxicity.

There is a high probability that the product is not acutely harmful to aquatic organisms.

Assessment of terrestrial toxicity:
Hazardous to birds and mammals.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):
The product is virtually insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plants.

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 the same manner as the substance/product.

14. Transport Information

Land transport

ADR

Not classified as a dangerous good under transport regulations

RID

Not classified as a dangerous good under transport regulations

Inland waterway transport

ADNR

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

15. Regulatory Information

Regulations of the European union (Labelling) / National legislation/Regulations

Directive 1999/45/EC ('Preparation Directive'):

The product does not require a hazard warning label in accordance with EC Directives.

BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 16.11.2009

Product: **SOREXA GEL**

Version: 2.0

(30471437/SDS_GEN_EU/EN)

Date of print 17.11.2009

Other regulations

16. Other Information

Consult the product label for additional details.

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.