

Safety data sheet

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

Date / Revised: 04.09.2009

Version: 1.1

Product: **NEOSOREXA GOLD**

(30471616/SDS_GEN_GB/EN)

Date of print 05.09.2009

1. Substance/preparation and company identification

NEOSOREXA GOLD

Use: rodenticide, biocide

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2. Hazard identification

Possible Hazards

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

3. Composition/information on ingredients

Chemical nature

rodenticide, Bait, biocide

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

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:

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 with water. If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting unless told to by a poison control center or doctor. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Note to physician:

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

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

Treatment: Symptomatic treatment (decontamination, vital functions).

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

5. Fire-Fighting Measures

Suitable extinguishing media:

carbon dioxide, dry extinguishing media, water fog, water spray, foam

Unsuitable extinguishing media for safety reasons:

water jet

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. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. 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. Remove contaminated clothes, undergarments and shoes immediately. Avoid dust formation.

Environmental precautions:

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

Methods for cleaning up or taking up:

For small amounts: Contain with dust binding material and dispose of.

For large amounts: Sweep/shovel up.

Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental 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:

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: Keep only in the original container in a cool, well-ventilated place. Keep container dry. Keep away from heat. Protect from direct sunlight. Protect against moisture.

Storage stability:

Storage duration: 24 Months

8. Exposure controls and personal protection

Personal protective equipment

Respiratory protection:
Respiratory protection not required.

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 with side-shields (frame goggles) (e.g. EN 166)

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

General safety and hygiene measures:
Handle in accordance with good industrial hygiene and safety practice. 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:	granules
Colour:	blue-green
Odour:	odourless
Melting point:	not applicable
Flash point:	Substance/product is non-flammable.
Flammability:	does not ignite
Self ignition:	not determined
Explosion hazard:	not explosive
Fire promoting properties:	not fire-propagating
Density:	0.83 g/cm ³ (approx. 20 °C)
Solubility in water:	insoluble
Partitioning coefficient n-octanol/water (log Pow):	not applicable

10. Stability and Reactivity

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

Hazardous reactions:
No hazardous reactions if stored and handled as prescribed/indicated.
The product is chemically stable.

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

11. Toxicological Information

Acute toxicity

Information on: Difenacoum
Experimental/calculated data:
LD50 rat (oral): 1.8 mg/kg

Information on: Difenacoum
Experimental/calculated data:
LC50 rat (by inhalation): 0.00346 - 0.005848 mg/l 4 h

Information on: Difenacoum
Experimental/calculated data:
LD50 rat (dermal): 63 mg/kg

Irritation

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

Respiratory/Skin sensitization

Assessment of sensitization:
No sensitizing effect.

Other relevant toxicity information

Misuse can be harmful to health.

12. Ecological Information

Ecotoxicity

Information on: Difenacoum
Toxicity to fish:

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LC50 (96 h) 0.064 mg/l, Oncorhynchus mykiss

Information on: Difenacoum

Aquatic invertebrates:

LC50 (48 h) 0.52 mg/l, Daphnia magna

Information on: Difenacoum

Aquatic plants:

No observed effect concentration (72 h) 0.25 mg/l (growth rate), Pseudokirchneriella subcapitata

Assessment of terrestrial toxicity:

Hazardous to birds and mammals.

Persistence and degradability

Information on: Difenacoum

Assessment biodegradation and elimination (H₂O):

Not readily biodegradable (by OECD criteria).

Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control. The product has not been tested. The ecological data given are those of the active ingredient.

13. Disposal Considerations

Must be dumped or incinerated in accordance with local regulations.

This product and any uncleaned containers must be disposed of as hazardous waste in accordance with the 2005 Hazardous Waste Regulations and amendments (GB)
The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

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

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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

EEC Directives:

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

Other regulations

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

16. Other Information

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

If you have any queries relating to this MSDS, its contents or any other product safety related questions, please write to the following e-mail address: product-safety-north@basf.com

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.