



We create chemistry

Safety data sheet

Page: 1/14

BASF Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

1. Identification

Product identifier

Alpine Cockroach Gel Bait Rotation 2 Reservoir

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: crop protection product, insecticide

Details of the supplier of the safety data sheet

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Operating Division Crop Protection

Telephone: +49 621 60-27777

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

Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

2. Hazards Identification

Classification of the substance or mixture

According to UN GHS criteria

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Aquatic Acute 2
Aquatic Chronic 2

For the classifications not written out in full in this section the full text can be found in section 16.

Label elements

Globally Harmonized System (GHS)

Pictogram:



Hazard Statement:

H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statement:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.

Precautionary Statements (Response):

P391 Collect spillage.

Precautionary Statements (Disposal):

P501 Dispose of contents and container to hazardous or special waste collection point.

Other hazards

According to UN GHS criteria

See section 12 - Results of PBT and vPvB assessment.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition/Information on Ingredients

Substances

Not applicable

Mixtures

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Chemical nature

insecticide, Bait

Hazardous ingredients (GHS)

According to UN GHS criteria

dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Content (W/W): 0,5 %

CAS Number: 165252-70-0

Acute Tox. 5 (Inhalation - dust)

Acute Tox. 4 (oral)

Acute Tox. 5 (dermal)

Skin Irrit. 3

Aquatic Acute 1

Aquatic Chronic 1

M-factor acute: 10

M-factor chronic: 10

H316, H302, H313 + H333, H400, H410

Sucrose

Content (W/W): < 15 %

CAS Number: 57-50-1

EC-Number: 200-334-9

Starch

Content (W/W): < 10 %

CAS Number: 9005-25-8

EC-Number: 232-679-6

D-Glucitol

Content (W/W): < 10 %

CAS Number: 50-70-4

EC-Number: 200-061-5

For the classifications not written out in full in this section the full text can be found in section 16.

4. First-Aid Measures

Description of first aid measures

Remove contaminated clothing.

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.

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

On ingestion:

Rinse mouth and then drink 200-300 ml of water.

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

Hazards: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11. (Further) symptoms and / or effects are not known so far

Indication of any immediate medical attention and special treatment needed

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures**Extinguishing media**

Suitable extinguishing media:
foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:
carbon dioxide

Special hazards arising from the substance or mixture

Carbon monoxide, Carbon dioxide, hydrogen chloride, nitrogen oxides, Phosphorus compounds, halogenated compounds

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

Advice for fire-fighters

Special protective equipment:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

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. In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire.

6. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

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

Environmental precautions

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.**Methods and material for containment and cleaning up**

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

For large amounts: Sweep/shovel up.

Avoid raising dust. 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**Precautions for safe 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. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:

No special precautions necessary. The substance/product is non-combustible. Product is not explosive.

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect against moisture. Protect from direct sunlight.

Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. Exposure Controls/Personal Protection**Control parameters**Components with occupational exposure limits

50-70-4: D-Glucitol

57-50-1: Sucrose

9005-25-8: Starch

Exposure controlsPersonal protective equipment

Respiratory protection:

Breathing protection if dusts are formed. Suitable respiratory protection for higher concentrations or long-term effect: Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Hand protection:

Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.

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

The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

State of matter:	solid
Form:	solid
Colour:	brownish
Odour:	sweetish
Odour threshold:	
	Not determined due to potential health hazard by inhalation.
Melting point:	< 0 °C
	Information based on the main component/s.
Boiling point:	approx. 100 °C
	Information based on the main component/s.
Flammability:	not flammable
Lower explosion limit:	
	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	
	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Flash point:	
	not applicable, the product is a solid
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

pH value: approx. 5 - 7
(22,8 °C)

Viscosity, dynamic:

not applicable, the product is a solid

Solubility in water: slightly soluble

Partitioning coefficient n-octanol/water (log Kow):

The statements are based on the
properties of the individual
components.

*Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine**Partitioning coefficient n-octanol/water (log Kow): -0,549
(25 °C)*-----
Vapour pressure:

not applicable

Density: approx. 1,20 g/cm³
(20 °C)

Relative vapour density (air):

not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosives

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

Oxidizing properties

Fire promoting properties: Based on its structural properties
the product is not classified as
oxidizing.
The product has not been tested. The statement has been derived
from the properties of the individual components.

Self-heating substances and mixtures

Self heating ability: It is not a substance capable of
spontaneous heating.

Other safety characteristics

Other Information: The product has not been tested. The statement has been derived
from substances/products of a similar structure or composition.

Evaporation rate:

not applicable

10. Stability and Reactivity

Reactivity

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

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Possibility of hazardous reactions

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

Conditions to avoid

See SDS section 7 - Handling and storage.

Incompatible materials

Substances to avoid:

strong oxidizing agents, strong bases, strong acids

Hazardous decomposition products

Hazardous decomposition products:

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

11. Toxicological Information**Information on toxicological effects**Acute toxicity

Assessment of acute toxicity:

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

*Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine**Experimental/calculated data:**LD50 rat (oral): 2.804 mg/kg**LD50 rat (oral): 2.000 mg/kg*
-----*Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine**Experimental/calculated data:**LC50 rat (by inhalation): > 4,09 mg/l*
-----*Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine**Experimental/calculated data:**LD50 rat (dermal): > 2.000 mg/kg*
-----Irritation

Assessment of irritating effects:

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

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

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Experimental/calculated data:

Skin corrosion/irritation rabbit: Slightly irritating.

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Experimental/calculated data:

Serious eye damage/irritation rabbit: Slightly irritating.

Respiratory/Skin sensitization

Assessment of sensitization:

No sensitizing effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Experimental/calculated data:

guinea pig: Non-sensitizing.

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.

Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Remarks: 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:

No substance-specific organotoxicity was observed after repeated administration to animals. The product has not been tested. The statement has been derived from the properties of the individual components.

Aspiration hazard

not applicable

Other relevant toxicity information

Misuse can be harmful to health.

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:

Toxic to aquatic life with long lasting effects.

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

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Toxicity to fish:

LC50 (96 h) > 100 mg/l, Cyprinus carpio

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Aquatic invertebrates:

EC50 (48 h) > 1.000 mg/l, Daphnia magna

EC50 (96 h) 0,79 mg/l, Mysisopsis bahia

LC50 (48 h) 0,0721 mg/l, Chironomus riparius

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Aquatic plants:

EC50 (72 h) 97,6 mg/l (biomass), Pseudokirchneriella subcapitata

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Chronic toxicity to aquatic invertebrates:

No observed effect concentration 0,089 mg/l, Mysisopsis bahia

No observed effect concentration (27 d) 0,003 mg/l, Chironomus riparius

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

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

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Assessment biodegradation and elimination (H₂O):

Not readily biodegradable (by OECD criteria).

Bioaccumulative potential

Assessment bioaccumulation potential:

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

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Assessment bioaccumulation potential:

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: dinotefuran (ISO); (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

Assessment transport between environmental compartments:

Adsorption in soil: Following exposure to soil, the product trickles away and can - dependant on degradation - be transported to deeper soil areas with larger water loads.

Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

Other adverse effects

The product does not contain substances that are listed in the Montreal Protocol on substances that deplete the ozone layer.

Additional information

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Other ecotoxicological advice:

Do not discharge product into the environment without control.

13. Disposal Considerations

Waste treatment methods

Must be sent to a suitable incineration plant, observing 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

UN number or ID number: UN3077

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DINOTEFURAN)

Transport hazard class(es): 9, EHSM

Packing group: III

Environmental hazards: yes

Special precautions for user: None known

RID

UN number or ID number: UN3077

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DINOTEFURAN)

Transport hazard class(es): 9, EHSM

Packing group: III

Environmental hazards: yes

Special precautions for user: None known

Inland waterway transport

ADN

UN number or ID number: UN3077

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DINOTEFURAN)

Transport hazard class(es): 9, EHSM

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

Packing group: III
Environmental hazards: yes
Special precautions for user: None known

Transport in inland waterway vessel

Not evaluated

Sea transport

IMDG

UN number or ID number: UN 3077
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DINOTEFURAN)

Transport hazard class(es): 9, EHS
Packing group: III
Environmental hazards: yes
Marine pollutant: YES
Special precautions for user: EmS: F-A; S-F

Air transport

IATA/ICAO

UN number or ID number: UN 3077
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DINOTEFURAN)

Transport hazard class(es): 9, EHS
Packing group: III
Environmental hazards: yes
Special precautions for user: None known

Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

Further information

Product may be shipped as non-hazardous in suitable packages containing a net quantity of 5 kg or less under the provisions of various regulatory agencies: ADR, RID, ADN: Special Provision 375; IMDG: 2:10.2.7; IATA: A197; TDS: Special Provision 99(2); 49CFR: §171.4 (c) (2) and also the Special Provision 375 in Appendix B which is regulated in China "Regulations Concerning Road Transportation of Dangerous Goods Part 3: Index of dangerous goods name and transportation requirements" (JT/T 617.3)

Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 27.03.2024

Version: 1.0

Product: **Alpine Cockroach Gel Bait Rotation 2 Reservoir**

(ID no. 30628499/SDS_CPA_00/EN)

Date of print 06.04.2025

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

To avoid risks to man and the environment, comply with the instructions for use.

16. Other Information

Full text of classifications, hazard symbols and hazard statements, if mentioned in section 2 or 3:

Aquatic Acute	Hazardous to the aquatic environment - acute
Aquatic Chronic	Hazardous to the aquatic environment - chronic
Acute Tox.	Acute toxicity
Skin Irrit.	Skin irritation
H316	Causes mild skin irritation.
H302	Harmful if swallowed.
H313 + H333	May be harmful in contact with skin or if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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