

Safety data sheet

Page: 1/13

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

1. Identification

Product identifier

Advance 375A Granular Ant Bait

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

Relevant identified uses: biocide

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

Aquatic Acute 1

Aquatic Chronic 1

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

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

Label elements

Globally Harmonized System (GHS)

Pictogram:



Signal Word:

Warning

Hazard Statement:

H400

Very toxic to aquatic life.

H410

Very 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

Chemical nature

crop protection product, insecticide

Hazardous ingredients (GHS)

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

According to UN GHS criteria

Abamectin

Content (W/W): 0,01 %
CAS Number: 71751-41-2

Acute Tox. 1 (Inhalation - dust)
Acute Tox. 2 (oral)
Acute Tox. 3 (dermal)
Repr. 2 (unborn child)
STOT RE (Central nervous system) 1
Aquatic Acute 1
Aquatic Chronic 1
M-factor acute: 10000
M-factor chronic: 10000
H311, H361, H300 + H330, H372, H400, H410

Soybean oil

Content (W/W): < 15 %
CAS Number: 8001-22-7
EC-Number: 232-274-4

Sucrose

Content (W/W): < 10 %
CAS Number: 57-50-1
EC-Number: 200-334-9

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.

On ingestion:

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

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in section 2 and/or 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).

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

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, nitrogen oxides
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

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

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:

Avoid dust formation. Dust can form an explosive mixture with air. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

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

Storage stability:

Storage duration: 24 Months

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

57-50-1: Sucrose

8001-22-7: Soybean oil

Exposure controls

Personal 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)

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

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

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

Form:	solid
Colour:	yellowish
Odour:	product specific
Odour threshold:	Not determined due to potential health hazard by inhalation.
pH value:	not soluble, The statements are based on the properties of the individual components.
Melting point:	The product has not been tested.
Boiling point:	The product is a non-volatile solid.
Flash point:	not applicable
Evaporation rate:	not applicable
Flammability:	Product is combustible.
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.
Vapour pressure:	negligible
Relative vapour density (air):	not applicable
Solubility in water:	insoluble
Partitioning coefficient n-octanol/water (log Kow):	not applicable
Self ignition:	Based on its structural properties the product is not classified as self-igniting.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	not applicable, the product is a solid
Explosion hazard:	Based on the chemical structure there is no indication of explosive properties.
Fire promoting properties:	Based on its structural properties the product is not classified as oxidizing.

Other information

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

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

Bulk density: approx. 288 - 352 kg/m³

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.

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 acids, strong bases, strong oxidizing agents

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 ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Experimental/calculated data:

LD50 rat (oral): > 5.000 mg/kg

LD50 rabbit (dermal): 2.000 mg/kg

No mortality was observed.

Information on: Abamectin

Experimental/calculated data:

LC50 rat (by inhalation): > 0,034 - < 0,051 mg/l 4 h (OECD Guideline 403)

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

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 substances/products of a similar structure or composition.

Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant

Serious eye damage/irritation rabbit: non-irritant

Respiratory/Skin 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.

Information on: Abamectin

Experimental/calculated data:

Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)

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:

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

Information on: Abamectin

Assessment of teratogenicity:

Indications of possible developmental toxicity/teratogenicity were seen in animal studies.

Specific target organ toxicity (single exposure)

Assessment of STOT single:

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

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

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:

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

Information on: Abamectin

Assessment of repeated dose toxicity:

Repeated inhalation exposure to small quantities may affect certain organs.

Repeated oral exposure to small quantities may affect certain organs.

Aspiration hazard

No aspiration hazard expected.

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

Other relevant toxicity information

Misuse can be harmful to health.

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:

Very 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: Abamectin

Toxicity to fish:

LC50 (96 h) 0,0036 mg/l, Oncorhynchus mykiss

Information on: Abamectin

Aquatic invertebrates:

EC50 (48 h) 0,00034 mg/l, Daphnia magna

EC50 (96 h) 0,000022 mg/l, Americamysis bahia

Information on: Abamectin

Aquatic plants:

EC50 (72 h) > 0,00159 mg/l, Pseudokirchneriella subcapitata

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

Information on: Abamectin

Chronic toxicity to fish:

No observed effect concentration (28 d) 0,00052 mg/l, Oncorhynchus mykiss

Information on: Abamectin

Chronic toxicity to aquatic invertebrates:

No observed effect concentration (28 d) 0,0000035 mg/l, Mysidopsis bahia

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: Abamectin

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: Abamectin

Assessment bioaccumulation potential:

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: Abamectin

Assessment transport between environmental compartments:

Adsorption in soil: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

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 UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

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. (ABAMECTIN)

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. (ABAMECTIN)

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. (ABAMECTIN)

Transport hazard class(es): 9, EHSM

Safety data sheet according to UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

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. (ABAMECTIN)

Transport hazard class(es): 9, EHSM
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. (ABAMECTIN)

Transport hazard class(es): 9, EHSM
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 UN GHS 4th rev.

Date / Revised: 10.03.2023

Version: 3.0

Product: **Advance 375A Granular Ant Bait**

(ID no. 30628481/SDS_CPA_00/EN)

Date of print 08.05.2024

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
Repr.	Reproductive toxicity
STOT RE	Specific target organ toxicity — repeated exposure
H311	Toxic in contact with skin.
H361	Suspected of damaging the unborn child.
H300 + H330	Fatal if swallowed or inhaled
H372	Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
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.