

SAFETY DATA SHEET



Albendazole Formulation

Version
10.0

Revision Date:
14.04.2025

SDS Number:
10232228-00017

Date of last issue: 28.09.2024
Date of first issue: 16.11.2021

SECTION 1. IDENTIFICATION

Product identifier : Albendazole Formulation

Manufacturer or supplier's details

Company : MSD

Address : Rua Coronel Bento Soares, 530
Cruzeiro - Sao Paulo - Brazil CEP 12730-340

Telephone : 908-740-4000

Emergency telephone : 1-908-423-6000

E-mail address : EHSDATASTEWARD@msd.com

Recommended use of the chemical and restrictions on use

Recommended use : Veterinary product

Restrictions on use : Not applicable

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification in accordance with ABNT NBR 14725 Standard

Acute toxicity (Oral) : Category 5

Skin sensitization : Category 1

Reproductive toxicity : Category 2

Specific target organ toxicity - single exposure (Oral) : Category 2 (Gastrointestinal tract, Central nervous system)

Specific target organ toxicity - repeated exposure (Oral) : Category 2 (Gastrointestinal tract, Central nervous system, Immune system, Liver)

Short-term (acute) aquatic hazard : Category 1

Long-term (chronic) aquatic hazard : Category 1

GHS label elements in accordance with ABNT NBR 14725 Standard

Hazard pictograms :



Signal Word : Warning

SAFETY DATA SHEET



Albendazole Formulation

Version 10.0

Revision Date: 14.04.2025

SDS Number: 10232228-00017

Date of last issue: 28.09.2024
Date of first issue: 16.11.2021

Hazard Statements : H303 May be harmful if swallowed.
H317 May cause an allergic skin reaction.
H361d Suspected of damaging the unborn child.
H371 May cause damage to organs (Gastrointestinal tract, Central nervous system) if swallowed.
H373 May cause damage to organs (Gastrointestinal tract, Central nervous system, Immune system, Liver) through prolonged or repeated exposure if swallowed.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P260 Do not breathe dust.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P391 Collect spillage.
Storage:
P405 Store locked up.

Other hazards which do not result in classification

Dust contact with the eyes can lead to mechanical irritation.

Contact with dust can cause mechanical irritation or drying of the skin.

May form explosive dust-air mixture during processing, handling or other means.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

| Chemical name | CAS-No. | Classification | Concentration (% w/w) |
|-----------------------|------------|--|-----------------------|
| Albendazole Sulfoxide | 54029-12-8 | Acute Tox. (Oral), 4 Skin Sens., 1B Repr., 2 STOT SE, (Oral)(Gastrointestinal tract, Central nervous system) , 2 STOT RE, | >= 50 - < 70 |

SAFETY DATA SHEET



Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024 Date of first issue: 16.11.2021

| | | | |
|-----------|-----------|--|-------------|
| | | (Oral)(Gastrointestinal tract, Central nervous system, Immune system, Liver) , 2 Aquatic Acute, 1 Aquatic Chronic, 1 | |
| Cellulose | 9004-34-6 | | >= 20 -< 30 |

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.
Get medical attention.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.
Remove contaminated clothing and shoes.
Get medical attention.
Wash clothing before reuse.
Thoroughly clean shoes before reuse.

In case of eye contact : If in eyes, rinse well with water.
Get medical attention if irritation develops and persists.

If swallowed : If swallowed, DO NOT induce vomiting.
Get medical attention.
Rinse mouth thoroughly with water.
Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed : Contact with dust can cause mechanical irritation or drying of the skin.
Dust contact with the eyes can lead to mechanical irritation.
May be harmful if swallowed.
May cause an allergic skin reaction.
Suspected of damaging the unborn child.
May cause damage to organs if swallowed.
May cause damage to organs through prolonged or repeated exposure if swallowed.

Protection of first-aiders : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).

Notes to physician : Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : None known.

Specific hazards during fire : Avoid generating dust; fine dust dispersed in air in sufficient

SAFETY DATA SHEET



Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024
Date of first issue: 16.11.2021

| | |
|--|---|
| fighting | concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Exposure to combustion products may be a hazard to health. |
| Hazardous combustion products | : Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Metal oxides |
| Specific extinguishing methods | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. |
| Special protective equipment for fire-fighters | : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| | |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8). |
| Environmental precautions | : Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained. |
| Methods and materials for containment and cleaning up | : Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. |

SECTION 7. HANDLING AND STORAGE

| | |
|-------------------------|--|
| Technical measures | : Static electricity may accumulate and ignite suspended dust causing an explosion. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. |
| Local/Total ventilation | : Use only with adequate ventilation. |

Albendazole Formulation

| | | | |
|-----------------|------------------------------|-------------------------------|---|
| Version 10.0 | Revision Date: 14.04.2025 | SDS Number: 10232228-00017 | Date of last issue: 28.09.2024 Date of first issue: 16.11.2021 |
|-----------------|------------------------------|-------------------------------|---|

| | |
|-----------------------------|---|
| Advice on safe handling | : Do not get on skin or clothing. Do not breathe dust. Do not swallow. Avoid contact with eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Minimize dust generation and accumulation. Keep container closed when not in use. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment. |
| Hygiene measures | : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before re-use. The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls. |
| Conditions for safe storage | : Keep in properly labeled containers. Store locked up. Store in accordance with the particular national regulations. |
| Materials to avoid | : Do not store with the following product types: Strong oxidizing agents |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Ingredients with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parame- ters / Permissible concentration | Basis |
|-----------------------|---------------------------|-------------------------------------|--|----------|
| Albendazole Sulfoxide | 54029-12-8 | TWA | 45 µg/m ³ (OEB 3) | Internal |
| | Further information: DSEN | | | |
| Cellulose | 9004-34-6 | TWA | 100 µg/100 cm ² | Internal |
| | | | 10 mg/m ³ | ACGIH |

| | |
|----------------------|--|
| Engineering measures | : All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices). Minimize open handling. |
|----------------------|--|

SAFETY DATA SHEET



Albendazole Formulation

Version
10.0

Revision Date:
14.04.2025

SDS Number:
10232228-00017

Date of last issue: 28.09.2024
Date of first issue: 16.11.2021

Personal protective equipment

| | |
|--------------------------|--|
| Respiratory protection | : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. |
| Filter type | : Particulates type |
| Hand protection | |
| Material | : Chemical-resistant gloves |
| Remarks | : Consider double gloving. |
| Eye protection | : Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols. |
| Skin and body protection | : Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing. |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Physical state | : powder |
| Color | : cream |
| Odor | : No data available |
| Odor Threshold | : No data available |
| pH | : No data available |
| Melting point/freezing point | : No data available |
| Initial boiling point and boiling range | : No data available |
| Flash point | : Not applicable |
| Evaporation rate | : No data available |
| Flammability (solid, gas) | : May form explosive dust-air mixture during processing, handling or other means. |
| Flammability (liquids) | : Not applicable |
| Upper explosion limit / Upper flammability limit | : No data available |
| Lower explosion limit / Lower flammability limit | : No data available |

SAFETY DATA SHEET



Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024
Date of first issue: 16.11.2021

| | | |
|--|---|--|
| Vapor pressure | : | Not applicable |
| Relative vapor density | : | Not applicable |
| Relative density | : | No data available |
| Density | : | No data available |
| Solubility(ies) | | |
| Water solubility | : | No data available |
| Partition coefficient: n-octanol/water | : | Not applicable |
| Autoignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Viscosity | | |
| Viscosity, kinematic | : | Not applicable |
| Explosive properties | : | Not explosive |
| Oxidizing properties | : | The substance or mixture is not classified as oxidizing. |
| Molecular weight | : | No data available |
| Particle characteristics | | |
| Particle size | : | No data available |

SECTION 10. STABILITY AND REACTIVITY

| | | |
|------------------------------------|---|--|
| Reactivity | : | Not classified as a reactivity hazard. |
| Chemical stability | : | Stable under normal conditions. |
| Possibility of hazardous reactions | : | May form explosive dust-air mixture during processing, handling or other means. Can react with strong oxidizing agents. |
| Conditions to avoid | : | Heat, flames and sparks. Avoid dust formation. |
| Incompatible materials | : | Oxidizing agents |
| Hazardous decomposition products | : | No hazardous decomposition products are known. |

SECTION 11. TOXICOLOGICAL INFORMATION

| | | |
|--|---|--|
| Information on likely routes of exposure | : | Inhalation Skin contact Ingestion Eye contact |
|--|---|--|

Acute toxicity

May be harmful if swallowed.

SAFETY DATA SHEET



Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024 Date of first issue: 16.11.2021

Product:

Acute oral toxicity : Acute toxicity estimate: 3.000 mg/kg
Method: Calculation method

Components:

Albendazole Sulfoxide:

| | |
|---|---|
| Acute oral toxicity | : LD50 (Mouse): 1.500 mg/kg |
| | LD50 (Rat): 2.400 mg/kg |
| Acute toxicity (other routes of administration) | : LD50 (Rat): 265 mg/kg Application Route: Intravenous |

Cellulose:

| | |
|---------------------------|--|
| Acute oral toxicity | : LD50 (Rat): > 5.000 mg/kg |
| Acute inhalation toxicity | : LC50 (Rat): > 5,8 mg/l Exposure time: 4 h Test atmosphere: dust/mist |
| Acute dermal toxicity | : LD50 (Rabbit): > 2.000 mg/kg |

Skin corrosion/irritation

Not classified based on available information.

Components:

Albendazole Sulfoxide:

| | |
|---------|----------------------|
| Species | : Rabbit |
| Result | : No skin irritation |

Serious eye damage/eye irritation

Not classified based on available information.

Components:

Albendazole Sulfoxide:

| | |
|---------|---------------------|
| Species | : Rabbit |
| Result | : No eye irritation |

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Components:

Albendazole Sulfoxide:

| | |
|-----------|---------------------|
| Test Type | : Maximization Test |
|-----------|---------------------|

Albendazole Formulation

Version Revision Date: SDS Number: Date of last issue: 28.09.2024
10.0 14.04.2025 10232228-00017 Date of first issue: 16.11.2021

| | | |
|--------------------|---|--|
| Routes of exposure | : | Dermal |
| Assessment | : | Probability or evidence of low to moderate skin sensitization rate in humans |
| Result | : | positive |
| Test Type | : | Maximization Test |
| Routes of exposure | : | Dermal |
| Result | : | Sensitizer |

Germ cell mutagenicity

Not classified based on available information.

Components:**Albendazole Sulfoxide:**

| | | |
|-----------------------|---|---|
| Genotoxicity in vitro | : | Test Type: Bacterial reverse mutation assay (AMES) Result: negative |
| | : | Test Type: Chromosomal aberration Test system: Chinese hamster ovary cells Result: negative |
| Genotoxicity in vivo | : | Test Type: Micronucleus test Species: Mouse Cell type: Bone marrow Result: negative |

Cellulose:

| | | |
|-----------------------|---|--|
| Genotoxicity in vitro | : | Test Type: Bacterial reverse mutation assay (AMES) Result: negative |
| | : | Test Type: In vitro mammalian cell gene mutation test Result: negative |
| Genotoxicity in vivo | : | Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Mouse Application Route: Ingestion Result: negative |

Carcinogenicity

Not classified based on available information.

Components:**Albendazole Sulfoxide:**

| | | |
|-------------------|---|-----------------------|
| Species | : | Mouse |
| Application Route | : | Oral |
| Exposure time | : | 2 Years |
| NOAEL | : | 400 mg/kg body weight |
| Result | : | negative |
| Species | : | Rat |
| Application Route | : | Oral |

Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024 Date of first issue: 16.11.2021

| | | |
|------------------------------|---|---|
| Exposure time | : | 2 Years |
| NOAEL | : | 20 mg/kg body weight |
| Result | : | negative |
| Carcinogenicity - Assessment | : | No evidence of carcinogenicity in animal studies. |

Cellulose:

| | | |
|-------------------|---|-----------|
| Species | : | Rat |
| Application Route | : | Ingestion |
| Exposure time | : | 72 weeks |
| Result | : | negative |

Reproductive toxicity

Suspected of damaging the unborn child.

Components:**Albendazole Sulfoxide:**

| | | |
|------------------------------------|---|---|
| Effects on fertility | : | Test Type: Fertility Species: Rat Application Route: Oral Fertility: NOAEL: 30 mg/kg body weight Result: No effects on fertility. |
| Effects on fetal development | : | Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 10 mg/kg body weight Result: Embryotoxic effects., Skeletal malformations. |
| | : | Test Type: Development Species: Rabbit Application Route: Oral Developmental Toxicity: LOAEL: 30 mg/kg body weight Result: Embryotoxic effects., Skeletal malformations., Maternal toxicity observed. |
| | : | Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: NOAEL: 5,8 mg/kg body weight Result: Effects on postnatal development. |
| | : | Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: LOAEL: 7 mg/kg body weight Result: Embryotoxic effects and adverse effects on the offspring were detected. |
| Reproductive toxicity - Assessment | : | Suspected of damaging the unborn child. |

Cellulose:

Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024 Date of first issue: 16.11.2021

| | | |
|------------------------------|---|---|
| Effects on fertility | : | Test Type: One-generation reproduction toxicity study Species: Rat Application Route: Ingestion Result: negative |
| Effects on fetal development | : | Test Type: Fertility/early embryonic development Species: Rat Application Route: Ingestion Result: negative |

STOT-single exposure

May cause damage to organs (Gastrointestinal tract, Central nervous system) if swallowed.

Components:**Albendazole Sulfoxide:**

| | | |
|--------------------|---|--|
| Routes of exposure | : | Oral |
| Target Organs | : | Gastrointestinal tract, Central nervous system |
| Assessment | : | May cause damage to organs. |

STOT-repeated exposure

May cause damage to organs (Gastrointestinal tract, Central nervous system, Immune system, Liver) through prolonged or repeated exposure if swallowed.

Components:**Albendazole Sulfoxide:**

| | | |
|--------------------|---|--|
| Routes of exposure | : | Oral |
| Target Organs | : | Gastrointestinal tract, Central nervous system, Immune system, Liver |
| Assessment | : | May cause damage to organs through prolonged or repeated exposure. |

Repeated dose toxicity**Components:****Albendazole Sulfoxide:**

| | | |
|-------------------|---|--------------------------------|
| Species | : | Rat |
| LOAEL | : | 168 mg/kg |
| Application Route | : | Oral |
| Exposure time | : | 4 Weeks |
| Target Organs | : | Gastrointestinal tract, Testis |
| Symptoms | : | Diarrhea, Vomiting |

| | | |
|-------------------|---|------------------------|
| Species | : | Dog |
| LOAEL | : | 48 mg/kg |
| Application Route | : | Oral |
| Exposure time | : | 4 Weeks |
| Target Organs | : | Gastrointestinal tract |
| Symptoms | : | Diarrhea, Vomiting |

| | | |
|---------|---|----------|
| Species | : | Mouse |
| LOAEL | : | 40 mg/kg |

SAFETY DATA SHEET



Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024 Date of first issue: 16.11.2021

| | | |
|-------------------|---|--|
| Application Route | : | Oral |
| Exposure time | : | 3 Months |
| Target Organs | : | Blood, Liver, Nose |
| Symptoms | : | Hematologic effects, Liver effects |
| Species | : | Rat |
| LOAEL | : | >= 30 mg/kg |
| Application Route | : | Oral |
| Exposure time | : | 6 Months |
| Target Organs | : | Blood |
| Symptoms | : | Hematologic effects |
| Species | : | Dog |
| LOAEL | : | 40 mg/kg |
| Application Route | : | Oral |
| Exposure time | : | 6 Months |
| Target Organs | : | Blood, Liver |
| Symptoms | : | Hematologic effects, Liver effects |
| Species | : | Rat |
| NOAEL | : | 7 mg/kg |
| Application Route | : | Oral |
| Exposure time | : | 60 d |
| Target Organs | : | Liver, Testis |
| Symptoms | : | Liver effects, male reproductive effects |

Cellulose:

| | | |
|-------------------|---|----------------|
| Species | : | Rat |
| NOAEL | : | >= 9.000 mg/kg |
| Application Route | : | Ingestion |
| Exposure time | : | 90 Days |

Aspiration toxicity

Not classified based on available information.

Experience with human exposure

Components:

Albendazole Sulfoxide:

| | | |
|---------------------|---|---|
| General Information | : | Symptoms: Allergic reactions, hair loss, Gastrointestinal disturbance, Headache, Dizziness |
| Skin contact | : | Target Organs: Skin Symptoms: Allergic reactions Remarks: May cause sensitization by skin contact. |
| Ingestion | : | Target Organs: Gastrointestinal tract Symptoms: Gastrointestinal disturbance, Diarrhea, Abdominal pain Target Organs: Central nervous system Symptoms: Headache, Dizziness Target Organs: Liver Symptoms: liver function change Target Organs: Immune system Symptoms: immune system effects |

Albendazole FormulationVersion
10.0Revision Date:
14.04.2025SDS Number:
10232228-00017Date of last issue: 28.09.2024
Date of first issue: 16.11.2021**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Albendazole Sulfoxide:**

| | | |
|---|---|---|
| Toxicity to fish | : | EC50 (Brachydanio rerio (zebrafish)): 0,042 mg/l Exposure time: 144 hrs |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 0,068 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | EC50 (Raphidocelis subcapitata (freshwater green alga)): 0,024 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| M-Factor (Acute aquatic toxicity) | : | 10 |
| M-Factor (Chronic aquatic toxicity) | : | 10 |

Cellulose:

| | | |
|------------------|---|--|
| Toxicity to fish | : | LC50 (Oryzias latipes (Japanese medaka)): > 100 mg/l Exposure time: 48 h Remarks: Based on data from similar materials |
|------------------|---|--|

Persistence and degradability**Components:****Cellulose:**

| | | |
|------------------|---|--------------------------------|
| Biodegradability | : | Result: Readily biodegradable. |
|------------------|---|--------------------------------|

Bioaccumulative potential**Components:****Albendazole Sulfoxide:**

| | | |
|--|---|------------------------|
| Partition coefficient: n-octanol/water | : | log Pow: 1,27 pH: 7 |
|--|---|------------------------|

Mobility in soil

No data available

Other adverse effects

No data available

SAFETY DATA SHEET



Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024 Date of first issue: 16.11.2021

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of waste into sewer.
Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : UN 3077

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Albendazole Sulfoxide)

Class : 9

Packing group : III

Labels : 9

Environmentally hazardous : yes

IATA-DGR

UN/ID No. : UN 3077

Proper shipping name : Environmentally hazardous substance, solid, n.o.s.
(Albendazole Sulfoxide)

Class : 9

Packing group : III

Labels : Miscellaneous

Packing instruction (cargo aircraft) : 956

Packing instruction (passenger aircraft) : 956

Environmentally hazardous : yes

IMDG-Code

UN number : UN 3077

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Albendazole Sulfoxide)

Class : 9

Packing group : III

Labels : 9

EmS Code : F-A, S-F

Marine pollutant : yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

ANTT

UN number : UN 3077

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

SAFETY DATA SHEET



Albendazole Formulation

Version 10.0 Revision Date: 14.04.2025 SDS Number: 10232228-00017 Date of last issue: 28.09.2024 Date of first issue: 16.11.2021

Class : 9
Packing group : III
Labels : 9
Hazard Identification Number : 90
(Albendazole Sulfoxide)

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

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

National List of Carcinogenic Agents for Humans - (LINACH) : Not applicable

Brazil. List of chemicals controlled by the Federal Police : Not applicable

The ingredients of this product are reported in the following inventories:

AICS : not determined

DSL : not determined

IECSC : not determined

SECTION 16. OTHER INFORMATION

Revision Date : 14.04.2025
Date format : dd.mm.yyyy

Further information

Sources of key data used to compile the Material Safety Data Sheet : Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIH / TWA : 8-hour, time-weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule;

SAFETY DATA SHEET



Albendazole Formulation

Version
10.0

Revision Date:
14.04.2025

SDS Number:
10232228-00017

Date of last issue: 28.09.2024
Date of first issue: 16.11.2021

ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

BR / Z8