

Trade name: Artemether

Substance number: 061501

Version: 1 / CH

Date revised: 29.04.2024

Replaces Version: - / CH

Print date: 29.04.24

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Artemether

Item No. 06150100

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H302

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H302 Harmful if swallowed.

Precautionary statements

P264.1 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301+P312 IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
P330 Rinse mouth.
P501.3 Disposal in compliance with local and national regulations.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains ARTEMETHER

2.3. Other hazards

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The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Molecular weight

Value	298.4	g/mol
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Hazardous ingredients

ARTEMETHER

CAS No.	71963-77-4		
EINECS no.	663-549-0		
Concentration	>= 50		%
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 4	H302	

ATE	oral	1'000	mg/kg
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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. Take medical treatment.

After skin contact

After contact with skin, wash immediately with plenty of water. Take medical treatment.

After eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

After ingestion

Rinse mouth thoroughly with water. Take medical treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water, Dry chemical extinguisher, Foam, Alcohol-resistant foam

5.3. Advice for firefighters

Special protective equipment for fire-fighting

No special measures required. In case of combustion use a suitable breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. High risk of slipping due to leakage/spillage of product. Avoid contact with skin, eyes and clothing. Avoid dust formation. Avoid breathing dust. Ensure supply of fresh air. Refer to protective measures listed in Sections 7 and 8.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal. Dispose of absorbed material in accordance with the regulations. Rinse away rest with plenty of water.

6.4. Reference to other sections

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Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid dust formation. For personal protection see Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value <= 30 °C

Requirements for storage rooms and vessels

Protect from exposure to light. Keep container tightly closed and dry. Keep container tightly closed in a well-ventilated place.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	11/13	Other solid hazardous substances with classification/labelling hazardous

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Take a shower after work finish. Wash contaminated clothing before reuse.

Respiratory protection

Full mask, filter K

Hand protection

Protective gloves

Eye protection

Safety glasses

Body protection

Protective clothing; Boots

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid		
Colour	white		
Odour	odourless		
Physical state	Crystalline powder		
Melting point			
Value	86	to	90 °C
Flash point			
Value	°C		
Remarks	Not applicable		
Decomposition temperature			
Value	>	90	°C
Solubility(ies)			

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Dichloromethane	
Remarks	completely soluble
Acetone	
Remarks	completely soluble
Ethanol	
Remarks	easily soluble

9.2. Other information**Solubility in water**

Remarks	virtually insoluble
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SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Keep at temperature not exceeding 30 °C.

10.5. Incompatible materials

No decomposition if stored and applied as directed.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

ATE	1'000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**ARTEMETHER**

Species	rat	
LD50	1000	mg/kg

Skin corrosion/irritation (Components)**ARTEMETHER**

evaluation	non-irritant
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Serious eye damage/irritation (Components)**ARTEMETHER**

evaluation	non-irritant
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Mutagenicity (Components)**ARTEMETHER**

evaluation	No mutagenicity in the Ames-test.
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Reproduction toxicity (Components)**ARTEMETHER**

Remarks	No indications of toxic effects were observed in reproduction studies in
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animals.

Carcinogenicity (Components)**ARTEMETHER**

Method

Ames test

Remarks

negative on animals

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****ARTEMETHER**

Remarks

No data available.

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class

WGK 3

(Germany)

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

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SECTION 16: Other information

Hazard statements listed in Chapter 3

H302 Harmful if swallowed.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.