

Trade name: Isopropylis myristas

Substance number: 262280

Version: 4 / CH

Date revised: 27.02.2023

Replaces Version: 3 / CH

Print date: 27.02.23

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

1.1. Product identifier

Isopropylis myristas

Item No. 26228000

Substance / product identification

CAS-No. 110-27-0

EINECS-No. 203-751-4

INCI ISOPROPYL MYRISTATE

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

Use of the substance/preparation

Pharmaceutical excipient

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

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

2.3. Other hazards

The product contains no PBT or vPvB substances.

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 ***

3.1. Substances

Further ingredients ***

isopropyl myristate

CAS No. 110-27-0

EINECS no. 203-751-4

Registration no. 01-2119541806-35-XXXX

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Concentration >= 95 %
Advice: [4]

Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

In case of accident or if you feel unwell, seek medical advice immediately.

After inhalation

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment. Keep breathing passages free.

After skin contact

Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. By continuous complaints consult a physician.

After ingestion

Rinse mouth thoroughly with water. Seek medical advice immediately.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Dry powder, Foam, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

The product is combustible. In case of combustion, evolution of health hazardous partially burned gases which in combination with air are capable of explosion. In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Keep away unprotected persons. Keep away from sources of ignition - No smoking. Refer to protective measures listed in Sections 7 and 8. Use personal protective clothing.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). For tall amounts: Take up mechanically and collect in suitable container for disposal.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Advice on protection against fire and explosion

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Take action to prevent static discharges. Keep away from ignition sources, fire and open light.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store with acids. Bases, Keep away from flammable substances.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	NG	Other solid hazardous substances without classification/labelling hazardous

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

General industrial hygiene practice.

Respiratory protection

Breathing apparatus in the event of vapours. Breathing apparatus in the event of aerosol or mist formation. Particle filter P2; Particle filter half mask, filter FFP2 - Norm DIN EN 149

Hand protection

Chemical resistant gloves
 Appropriate Material nitrile rubber - NBR
 Hand protection must comply with EN 374.

Eye protection

Safety glasses with side protection shield

Body protection

Protective clothing

SECTION 9: Physical and chemical properties ***

9.1. Information on basic physical and chemical properties

Physical state	liquid	
Colour	colourless	
Odour	odourless	
Melting point		
Value	3	°C
Freezing point		
Value	< 5	°C
Boiling point or initial boiling point and boiling range		
Value	193	°C
Pressure	1013.2 hPa	
Flammability		
The product is not easily combustible.		
Flash point		
Value	158	°C

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Method DIN EN 22719 / ISO 2719

Ignition temperature

Value 216 °C

Viscosity**dynamic**

Value 5 to 6 mPa.s

Temperature 20 °C

Method Höppler

dynamic

Value 3.9 mPa.s

Temperature 40 °C

Method ASTM D 445

Solubility(ies)

organic solvents

Vegetables oils

Partition coefficient n-octanol/water (log value)

log Pow 7.71

Method calculated

Vapour pressure

Value < 0.01 hPa

Temperature 25 °C

Density and/or relative densityValue 0.853 g/cm³

Temperature 20 °C

Relative vapour density

Value > 1

Temperature 20 °C

9.2. Other information**Solubility in water**

Value < 50 µg/l

Temperature 20 °C

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None under normal use.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity (Components)

isopropyl myristate

Species	rat		
LD50	>	2000	mg/kg
Method	OECD 401		

Acute inhalative toxicity (Components)

isopropyl myristate

Species	rat		
LC50	>	5	mg/l
Duration of exposure	4	h	

Skin corrosion/irritation (Components)

isopropyl myristate

Species	rabbit
evaluation	non-irritant
Method	OECD 404

Serious eye damage/irritation (Components)

isopropyl myristate

Species	rabbit
evaluation	non-irritant
Method	OECD 405

Sensitization

Remarks	No sensitisation effect known.
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Mutagenicity (Components)

isopropyl myristate

evaluation	No mutagenicity in the Ames-test.
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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)

isopropyl myristate

Species	Bluegill (Lepomis macrochirus)		
LC50	>	1000	mg/l

Daphnia toxicity (Components)

isopropyl myristate

Species	Daphnia magna		
NOEC	>=	100	mg/l
Duration of exposure	21	d	
Method	OECD 201		

Algae toxicity (Components)

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Species	Scenedesmus subspicatus	
EC50	> 0.05	mg/l
Method	OECD 201	

Bacteria toxicity (Components)**isopropyl myristate**

Species	activated sludge	
EC50	> 10	mg/l
Duration of exposure	18 h	
Method	DIN 38412 Part 8	

12.2. Persistence and degradability**Biodegradability (Components)****isopropyl myristate**

Value	> 90	%
evaluation	Readily biodegradable	
Method	OECD 301 B	

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water (log value)**

log Pow	7.71
Method	calculated

Bioconcentration factor (BCF) (Components)**isopropyl myristate**

BCF	121.1
Method	calculated

12.4. Mobility in soil**Mobility in soil (Components)****isopropyl myristate**

Adsorbs on soil.

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**

EWC waste code 07 01 99 wastes not otherwise specified
Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

EWC waste code 07 01 99 wastes not otherwise specified
Dispose of as unused product.

SECTION 14: Transport information

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	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 (Germany) Generally water hazardous

Remarks Derivation of WGK according to §3 Section 2 No. 8

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

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.