

Trade name: Miglyol 812N stab. Ascorbylpalmitat

Substance number: 271960

Version: 2 / CH

Date revised: 29.05.2024

Replaces Version: 1 / CH

Print date: 29.05.24

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

1.1. Product identifier

Miglyol 812N stab. Ascorbylpalmitat

Item No. 27196000

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

No special hazards have to be mentioned.

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 ***

Further ingredients ***

Glycerides, mixed decanoyl and octanoyl

CAS No. 73398-61-5

EINECS no. 277-452-2

Registration no. 01-2119492306-35-0001

Concentration >= 95 %

Advice: [4]

6-O-palmitoylascorbic acid

CAS No. 137-66-6

EINECS no. 205-305-4

Concentration < 1 %

Advice: [4]

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

Eye Irrit. 2 H319

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Note

[4] Voluntary information

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

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

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

Foam, Carbon dioxide, Dry powder, Water spray jet

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

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

Wear protective equipment

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

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 together with foodstuffs.

Storage classes

Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Appropriate Material neoprene

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

liquid

Colour

light

Odour

odourless

Melting point

Value

< 0

°C

Freezing point

Remarks

not determined

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Boiling point or initial boiling point and boiling range

Remarks not determined

Flammability

not determined

Upper and lower explosive limits

Remarks not determined

Flash point

Value appr. 220 °C

Method ISO 2592

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

pH value

Value appr. 6

Temperature 23 °C

Viscosity

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks Not applicable

Density and/or relative densityValue 0.93 to 0.96 g/cm³

Remarks Relative Density according specification

Relative vapour density

Remarks not determined

9.2. Other information**Odour threshold**

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Other information

None known

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

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No dangerous reactions known.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

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

Remarks not determined

Acute oral toxicity (Components)**6-O-palmitoylascorbic acid**

Species	rat		
LD50	>	10000	mg/kg

6-O-palmitoylascorbic acid

Species	mouse		
LD50		25000	mg/kg

Acute dermal toxicity

Remarks not determined

Acute dermal toxicity (Components)**6-O-palmitoylascorbic acid**

Species	guinea pig		
LD50	>	3000	mg/kg

Acute inhalational toxicity

Remarks not determined

Acute inhalative toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks No data available.

Skin corrosion/irritation

Remarks not determined

Skin corrosion/irritation (Components)**6-O-palmitoylascorbic acid**

Species	rabbit		
evaluation		slightly irritant	

Serious eye damage/irritation

Remarks not determined

Serious eye damage/irritation (Components)**6-O-palmitoylascorbic acid**

Species	rabbit		
evaluation		irritant	
Method		Draize method	

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Sensitization

Remarks not determined

Sensitization (Components)**6-O-palmitoylascorbic acid**

evaluation non-sensitizing

Remarks No sensitisation effect known.

Subacute, subchronic, chronic toxicity

Remarks not determined

Subacute, subchronic, chronic toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks Not applicable

Mutagenicity

Remarks not determined

Mutagenicity (Components)**6-O-palmitoylascorbic acid**

Remarks negative

Reproductive toxicity

Remarks not determined

Reproduction toxicity (Components)**6-O-palmitoylascorbic acid**

evaluation No negative effects

Carcinogenicity

Remarks not determined

Carcinogenicity (Components)**6-O-palmitoylascorbic acid**

Remarks negative

Specific Target Organ Toxicity (STOT) (Components)**6-O-palmitoylascorbic acid**

Remarks Not applicable

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.

Other information

No toxicological data are available.

SECTION 12: Ecological information**12.1. Toxicity****General information**

not determined

Fish toxicity (Components)**6-O-palmitoylascorbic acid**

Species Salmo gairdneri

LC50 51 mg/l

Duration of exposure 96 h

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Daphnia toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks No data available.

Algae toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks No data available.

Bacteria toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks No data available.

12.2. Persistence and degradability**General information**

not determined

Physico-chemical eliminability (Components)**6-O-palmitoylascorbic acid**

Remarks No data available.

Biodegradability (Components)**6-O-palmitoylascorbic acid**

Value 48 %

Duration of test 28 d

evaluation not readily degradable

Method OECD 302B/ISO 9888/EEC 88/302,C

Ready degradability (Components)**6-O-palmitoylascorbic acid**

Method OECD 302B/ISO 9888/EEC 88/302,C

Remarks Not readily biodegradable.

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)**6-O-palmitoylascorbic acid**

log Pow 6.0

Method calculated

12.4. Mobility in soil**General information**

not determined

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

not determined

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

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Endocrine disrupting properties with respect to the environment

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

12.7. Other adverse effects**General information**

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

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

Disposal in compliance with local and national regulations.

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste.

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

15.2. Chemical safety assessment

For this preparation 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.