

Trade name: Cetiol V/Oleic acid decylester

Substance number: 261425

Version: 3 / CH

Date revised: 28.02.2023

Replaces Version: 2 / CH

Print date: 28.02.23

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

1.1. Product identifier

Cetiol V/Oleic acid decylester

Item No. 26142500

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

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

9-Octadecenoic acid(Z), decyl ester

CAS No. 3687-46-5

EINECS no. 222-981-6

Registration no. 01-2119489425-28-0000

Concentration >= 95 %

Advice: [4]

Note

[4] Voluntary information

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If you feel unwell, seek medical advice (show the label where possible).

After inhalation

No special measures required.

After skin contact

After contact with skin, wash immediately with plenty of water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. By continuous complaints consult a physician.

After ingestion

Rinse out mouth and give plenty of water to drink.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry powder, Carbon dioxide, Foam, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Development of toxic gases

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use personal protective clothing. Use self-contained breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product. Avoid contact with eyes and skin.

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 (eg sand, kieselgur, acid binder, universal binder, sawdust).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on protection against fire and explosion

Keep away from sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Storage classes

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Storage class according to TRGS 510 10
Storage category (Switzerland) 10/12

Flammable liquids
Other liquid hazardous substances

SECTION 8: Exposure controls/personal protection ***

8.1. Control parameters

Exposure limit values ***

9-Octadecenoic acid(Z), decyl ester

List	SUVA	
Type	MAK	
Value	5	mg/m ³
Remarks: Lunge		

8.2. Exposure controls

General protective and hygiene measures

General industrial hygiene practice.

Respiratory protection

Not necessary.

Hand protection

Chemical resistant gloves
Hand protection must comply with EN 374.

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	colourless to yellowish
Odour	odourless
Melting point	
Value	-5 to 5 °C
Boiling point or initial boiling point and boiling range	
Value	> 300 °C
Flammability	Not ignitable
Flash point	
Value	215 °C
Method	ASTM D 92
Decomposition temperature	
Value	> 215 °C
Viscosity	
dynamic	
Value	15.9 mPa.s
Temperature	20 °C
Method	Höppler
Partition coefficient n-octanol/water (log value)	

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log Pow	12.44
Method	calculated

Vapour pressure

Value	< 0.00001	mbar
Temperature	20	°C
Method	calculated	

Density and/or relative density

Value	0.864	g/cm ³
Method	DIN 51757	

9.2. Other information**Solubility in water**

Value	< 1	mg/l
Temperature	20	°C
Remarks	insoluble	

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

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

10.5. Incompatible materials

None known

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 (Components)****9-Octadecenoic acid(Z), decyl ester**

Species	mouse	
LD50	> 2000	mg/kg
Method	OECD 401	

Acute dermal toxicity (Components)**9-Octadecenoic acid(Z), decyl ester**

Species	rat	
LD50	> 2000	mg/kg
Method	OECD 402	

Skin corrosion/irritation (Components)**9-Octadecenoic acid(Z), decyl ester**

evaluation	non-irritant
Method	OECD 404

Serious eye damage/irritation (Components)

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9-Octadecenoic acid(Z), decyl ester

evaluation	non-irritant
Method	OECD 405

Sensitization (Components)**9-Octadecenoic acid(Z), decyl ester**

Species	mouse
evaluation	non-sensitizing
Method	OECD 429

Mutagenicity (Components)**9-Octadecenoic acid(Z), decyl ester**

evaluation	No mutagenicity in the Ames-test.
Method	OECD 471

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)****9-Octadecenoic acid(Z), decyl ester**

Species	zebra fish (Brachydanio rerio)	
LC50	> 100	mg/l
Method	ISO 7346/2 (semistatic)	

Daphnia toxicity (Components)**9-Octadecenoic acid(Z), decyl ester**

Species	Daphnia magna	
EC50	> 100	mg/l
Duration of exposure	48	h
Method	OECD 202	
Remarks	Test conducted with a similar formulation.	

Algae toxicity (Components)**9-Octadecenoic acid(Z), decyl ester**

Species	Desmodesmus subspicatus	
EC50	> 100	mg/l
Duration of exposure	72	h
Remarks	Test conducted with a similar formulation.	

Bacteria toxicity (Components)**9-Octadecenoic acid(Z), decyl ester**

Species	activated sludge	
EC0	> 100	mg/l

12.2. Persistence and degradability**Biodegradability**

evaluation	good degradability
Method	OECD 301

Biodegradability (Components)**9-Octadecenoic acid(Z), decyl ester**

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

log Pow	12.44
Method	calculated

12.4. Mobility in soil**Mobility in soil (Components)****9-Octadecenoic acid(Z), decyl ester**

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**

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 (Germany)	WGK 1
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Remarks	Derivation of WGK according to Annex 1 No. 5.2 AwSV
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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.

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