

Trade name: Acid stearicum 50

Substance number: 260180

Version: 4 / CH

Date revised: 03.03.2020

Replaces Version: 3 / CH

Print date: 03.03.20

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

1.1. Product identifier

Acid stearicum 50

Item No. 26018000

Substance / product identification

CAS-No. 67701-03-5

EINECS-No. 266-928-5

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.

SECTION 3: Composition/information on ingredients

Further ingredients

Fatty acids, C16-18

CAS No. 67701-03-5

EINECS no. 266-928-5

Registration no. 01-2119543709-29-XXXX

Concentration >= 95 %

Advice: [4]

Note

[4] Voluntary information

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

In case of accident or if you feel unwell, seek medical advice immediately. Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air.

After skin contact

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

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

After ingestion

Rinse mouth thoroughly with water. In the event of symptoms take medical treatment.

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

ABC powder, Dry powder, Foam

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

The product is combustible. In the event of fire the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

5.3. Advice for firefighters**Other information**

Do not inhale explosions- and combustion gases.

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

Keep away unprotected persons. Use personal protective clothing. Keep away from sources of ignition - No smoking.

6.2. Environmental precautions

Advise water authority if spillage has entered water course or drainage system.

6.4. Reference to other sections

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

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

Keep container tightly closed. Keep away sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a well-ventilated place. Suitable material: stainless steel. Use aluminium containers.

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Hints on storage assembly

Do not store together with: Acids, Alkalis

Storage classes

Storage class according to TRGS 510 13

Storage category (Switzerland) NG

Non- combustible solids

Other solid hazardous substances
without hazardous
classification/labelling**Further information on storage conditions**

Protect from direct sunlight.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Remove contaminated, soaked clothing immediately and dispose of safely. General industrial hygiene practice. Keep away from sources of ignition.

Hand protection

Protective gloves

Appropriate Material nitrile rubber - NBR

Eye protection

Tightly fitting safety glasses

Body protection

protective overalls

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** solid**Colour** white**Odour** characteristic**Freezing point**

Value appr. 56 °C

Initial boiling point and boiling range

Value > 250 °C

Flash point

Value appr. 200 °C

Method ASTM D 92

Vapour pressureValue < 0.01 hPa
Temperature 20 °C**Density**Value 0.85 to 0.9 g/cm³
Temperature 20 °C**Solubility in water**Value < 0.05 g/l
Temperature 25 °C

Remarks insoluble

Solubility(ies)

Remarks soluble in most organic solvents

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Auto-ignition temperature

Value	appr.	400	°C
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Viscosity

Value	appr.	12	mm ² /s
Temperature		70	°C

9.2. Other information**Other information**

The product is capable of dust explosions.

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

None known

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 decomposition if stored and applied as directed.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

In the event of fire the following can be released: Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity (Components)****Fatty acids, C16-18**

Species	rat		
LD50	>	5000	mg/kg
Method	OECD 401		

Acute dermal toxicity (Components)**Fatty acids, C16-18**

Species	rabbit		
LD50	>	2000	mg/kg

Acute inhalative toxicity (Components)**Fatty acids, C16-18**

Species	rat		
LC50	>	0.1621	mg/l
Duration of exposure	4	h	

Mutagenicity

Remarks	Not documented.
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Carcinogenicity

Remarks	No evidence available on carcinogenicity.
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SECTION 12: Ecological information

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12.1. Toxicity**Daphnia toxicity (Components)****Fatty acids, C16-18**

Species	Daphnia magna	
NOEC	> 0.22	mg/l
Method	OECD 211	

Fatty acids, C16-18

Species	Daphnia magna	
EC50	> 4.8	mg/l
Method	OECD 202	

12.2. Persistence and degradability**Biodegradability (Components)****Fatty acids, C16-18**

Value	> 90	%
Duration of test	28	d
Method	OECD 301	

12.6. Other adverse effects**General information / ecology**

Do not allow it to reach ground water, water bodies or sewage system.

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	Non-dangerous goods	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 3
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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**

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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.