

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

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

1.1. Product identifier

Sahne Aroma flüssig

Item No. 27284000

Substance / product identification

UFI W454-DOWN-G008-QVKP

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)

Flam. Liq. 3 H226

Skin Corr. 1C H314

Eye Dam. 1 H318

Skin Sens. 1 H317

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

Danger

Hazard statements ***

H226

Flammable liquid and vapour.

H314

Causes severe skin burns and eye damage.

H317

May cause an allergic skin reaction.

EUH071

Corrosive to the respiratory tract.

Precautionary statements

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

sources. No smoking.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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

contains l-(+)-lactic acid; 3,4-dihydrocoumarin; Piperonal; Butanedione; Acetoin; butyric acid

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients *****3.2. Mixtures****Hazardous ingredients *******l-(+)-lactic acid**

CAS No.	79-33-4			
EINECS no.	201-196-2			
Registration no.	01-2119474164-39-0000/-0013			
Concentration	>= 25	< 50		%
Classification (Regulation (EC) No. 1272/2008)	Skin Corr. 1C	H314		
	Eye Dam. 1	H318		

Vanillin

CAS No.	121-33-5			
EINECS no.	204-465-2			
Registration no.	01-2119516040-60			
Concentration	>= 1	< 10		%
Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2	H319		

3,4-dihydrocoumarin

CAS No.	119-84-6			
EINECS no.	204-354-9			
Concentration	>= 1	< 10		%
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 4	H302		
	Skin Sens. 1	H317		

cATpE	oral	500	mg/kg
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Ethyl butyrate

CAS No.	105-54-4			
EINECS no.	203-306-4			
Registration no.	01-2120118576-54-0005			
Concentration	>= 1	< 10		%
Classification (Regulation (EC) No. 1272/2008)				

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

Flam. Liq. 3 H226
Eye Irrit. 2 H319

Acetoin

CAS No. 513-86-0
EINECS no. 208-174-1
Concentration ≥ 1 < 3 %
Classification (Regulation (EC) No. 1272/2008)
Flam. Liq. 3 H226
Eye Dam. 1 H318

Butanedione

CAS No. 431-03-8
EINECS no. 207-069-8
Registration no. 01-2120772074-56
Concentration ≥ 1 < 3 %
Classification (Regulation (EC) No. 1272/2008)
Flam. Liq. 2 H225
Acute Tox. 4 H302
Skin Irrit. 2 H315
Skin Sens. 1 H317
Eye Dam. 1 H318
Acute Tox. 3 H331
STOT RE 2 H373
Respiratory tract; Route of exposure: inhalative

ATE oral 1'600 mg/kg
cATpE inhalative, Dust/Mist 0.5 mg/l
ATE inhalative, Vapors 3 mg/l

butyric acid

CAS No. 107-92-6
EINECS no. 203-532-3
Concentration ≥ 1 < 3 %
Classification (Regulation (EC) No. 1272/2008)
Skin Corr. 1B H314

ATE oral 1'630 mg/kg

Piperonal

CAS No. 120-57-0
EINECS no. 204-409-7
Concentration ≥ 0.1 < 1 %
Classification (Regulation (EC) No. 1272/2008)
Skin Sens. 1B H317

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

Remove affected person from danger area. Never give anything by mouth to an unconscious person.

After inhalation

Ensure supply of fresh air.

After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. Consult a doctor if skin

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

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

After eye contact

Shield unaffected eye. Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. If individual is drowsy or unconscious place in recovery position (on left side, with head down). Never give anything by mouth to an unconscious person.

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

Water spray jet, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

Non suitable extinguishing media

Full water jet

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

Use self-contained breathing apparatus. Do not inhale explosion and/or combustion gases. Cool closed containers exposed to fire with water.

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

Ensure supply of fresh air. Wear protective equipment. Keep away sources of ignition.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Prevent spread over a wide area (by containment with sand or earth).

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

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

For personal protection see Section 8.

Advice on protection against fire and explosion

Take action to prevent static discharges. Use explosion-proof equipment/fittings and non-sparking tools. Keep away from sources of ignition - No smoking.

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

Keep only in original packaging. Keep container tightly closed in a well-ventilated place. Keep in a dry place.

Storage classes

Storage class according to TRGS 510	3	Flammable liquid
Storage category (Switzerland)	3	Flammable liquid

Further information on storage conditions

Protect from heat. Protect from direct sunlight.

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Avoid contact with skin. Do not eat or drink during work time. Do not smoke during work time.

Respiratory protection

Do not breathe vapours, dust or aerosol. Breathing apparatus in the event of aerosol or mist formation.

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	nitrile		
Material thickness	0.4	mm	
Appropriate Material	Butyl rubber - Butyl		
Material thickness	0.7	mm	

Eye protection

Tightly fitting safety glasses

Body protection

impermeable protective overalls

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid, clear
Colour	light yellow to reddish
Odour	characteristic

Flash point

Value	43	°C
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Vapour pressure

Value	8	kPa
Temperature	50	°C
Method	calculated	

Density and/or relative density

Value	1.0930	to	1.1130	g/cm ³
Temperature	20	°C		
Remarks	Relative Density according specification			

9.2. Other information

Solubility in water

Remarks	Completely miscible
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Oxidising properties

evaluation	None known
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Other information

Forms explosive mixture with air are possible.

SECTION 10: Stability and reactivity

10.1. Reactivity

None known

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

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

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	4'217.22	mg/kg
	91	
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**I-(+)-lactic acid**

Species	rat (female)	
LD50	3543	mg/kg
Method	US EPA OPP 81-1	

I-(+)-lactic acid

Species	Rats (male/female)	
LD50	4239.5	mg/kg
Method	OECD 401	

Butanedione

Species	rat	
LD50	1600	mg/kg

butyric acid

Species	rat	
LD50	1630	mg/kg
Method	OECD 401	

Acute dermal toxicity (Components)**I-(+)-lactic acid**

Species	rabbit	
LD50	> 2000	mg/kg
Method	EPA	

Butanedione

Species	rabbit	
LC50	> 5000	mg/kg

butyric acid

Species	rabbit	
LD50	6096	mg/kg
Method	OECD 402	

Acute inhalational toxicity

ATE	16.6722	mg/l
Administration/Form	Dust/Mist	

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

Method	calculated value (Regulation (EC) No. 1272/2008)
ATE	> 100 mg/l
Administration/Form	Vapors
Method	calculated value (Regulation (EC) No. 1272/2008)

Acute inhalative toxicity (Components)**I-(+)-lactic acid**

Species	rat		
LC50	> 7.94		mg/l
Duration of exposure	4	h	
Administration/Form	Dust/Mist		
Method	OECD 403		
Remarks	Corrosive		

Butanedione

Species	rat		
LC50	3		mg/l
Duration of exposure	4	h	
Administration/Form	Vapors		

Acetoin

Species	Rats (male/female)		
NOAEL	126		mg/m ³
Duration of exposure	6	h	
Administration/Form	Gases		
Method	OECD 412		

Skin corrosion/irritation (Components)**I-(+)-lactic acid**

Species	rabbit
Method	OECD 404
Remarks	Irritating to skin.

I-(+)-lactic acid

Duration of exposure	1	h
evaluation	corrosive	

butyric acid

Species	rabbit		
Duration of exposure	1	h	
evaluation	strongly irritant		
Method	OECD 404		

Vanillin

Species	rat		
Duration of exposure	24	h	
Remarks	None		

Butanedione

Species	Human		
Duration of exposure	48	h	
Remarks	None		

Butanedione

Species	rabbit		
Duration of exposure	24	h	
evaluation	irritant		

Piperonal

Remarks	None
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Serious eye damage/irritation (Components)**I-(+)-lactic acid**

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

Species dog
 Duration of exposure 10 s
 evaluation irritant - risk of serious damage to eyes
 Method OECD 438

Acetoin

Species cattle
 Method OECD 437

Butanedione

Species rabbit
 evaluation strongly irritant

butyric acid

Species rabbit
 evaluation irritant - risk of serious damage to eyes

Vanillin

Species rabbit
 evaluation strongly irritant
 Method OECD 405
 Remarks Irritates the eyes.

Sensitization (Components)**I-(+)-lactic acid**

evaluation non-sensitizing

Vanillin

Species guinea pig
 Remarks No sensitisation effect known.

Butanedione

Remarks None

Piperonal

Species guinea pig
 evaluation sensitizing
 Method OECD 406

Subacute, subchronic, chronic toxicity (Components)**Acetoin**

Species Rats (male/female)
 NOAEL 126 mg/m³
 Repeated exposure
 Duration of exposure 6 h

Mutagenicity (Components)**I-(+)-lactic acid**

evaluation No experimental indications on genotoxicity in vivo found.

Vanillin

Species Salmonella typhimurium
 evaluation No mutagenicity in the Ames-test.
 Method Ames test

Butanedione

Species Salmonella typhimurium
 Method Ames test
 Remarks positive

Piperonal

Species Salmonella typhimurium
 Method OECD 471
 Remarks negative

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

Reproduction toxicity (Components)**I-(+)-lactic acid**

evaluation No negative effects

Vanillin

Route of exposure	oral
Species	rat (female)
Dose	250 mg/kg

Carcinogenicity (Components)**I-(+)-lactic acid**

evaluation No negative effects

Vanillin

Species	mouse
Dose	750 mg/kg
evaluation	No negative effects

Piperonal

Route of exposure	oral
Species	rat
Dose	250 mg/kg
evaluation	No negative effects
Method	OECD 453

Specific Target Organ Toxicity (STOT) (Components)**I-(+)-lactic acid**

Remarks Not applicable

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

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity (Components)****I-(+)-lactic acid**

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)
LC50	130 mg/l
Duration of exposure	96 h
Method	EPA-660/3-75-009

Daphnia toxicity (Components)**I-(+)-lactic acid**

Species	Daphnia magna
EC50	130 mg/l
Duration of exposure	48 h
Method	OECD 202

Algae toxicity (Components)**I-(+)-lactic acid**

Species	Pseudokirchneriella subcapitata
EC50	> 2.8 g/l
Duration of exposure	72 h

I-(+)-lactic acid

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

Species	Raphidocelis subcapitata	
EC50	> 3500	mg/l
Duration of exposure	72 h	
Method	OECD 201	

Bacteria toxicity (Components)**I-(+)-lactic acid**

LC50	> 100	mg/l
Duration of exposure	3 h	

I-(+)-lactic acid

Species	activated sludge	
EC50	> 88.2	mg/l
Duration of exposure	3 h	
Method	OECD 209	

12.2. Persistence and degradability**Biodegradability (Components)****I-(+)-lactic acid**

evaluation	Readily biodegradable
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Vanillin

Value	97 to 100	%
Duration of test evaluation	14 d	
Method	Readily biodegradable OECD 301C	

Piperonal

Value	81	%
Duration of test evaluation	28 d	
Method	Readily biodegradable OECD 301F	

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow) (Components)****I-(+)-lactic acid**

log Pow	-0.54
Method	OECD 107

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

The product contains no PBT substances

The product contains no vPvB substances.

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

The product does not contain a substance that has 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.

Trade name: Sahne Aroma flüssig

Substance number: 272840




Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	2924	2924	2924
14.2. UN proper shipping name	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (l-(+)-lactic acid)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (l-(+)-lactic acid)	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (l-(+)-lactic acid)
14.3. Transport hazard class(es)	3	3	3
Subsidiary risk	8	8	8
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		

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

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

Hazard statements listed in Chapter 3

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.

Trade name: Sahne Aroma flüssig

Substance number: 272840

Version: 4 / CH

Date revised: 17.06.2025

Replaces Version: 3 / CH

Print date: 17.06.25

CLP categories listed in Chapter 3

Acute Tox. 3	Acute toxicity, Category 3
Acute Tox. 4	Acute toxicity, Category 4
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2

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.