

Trade name: Essenzessig braun 14%

Substance number: 207625

Version: 2 / CH

Date revised: 16.12.2016

Replaces Version: 1 / CH

Print date: 16.12.16

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

1.1. Product identifier

Essenzessig braun 14%

Item No. 20762500

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

Use of the substance/preparation

Food

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 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)

Skin Irrit. 2 H315

Eye Irrit. 2 H319

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

Warning

Hazard statements

H315

Causes skin irritation.

H319

Causes serious eye irritation.

Precautionary statements ***

P264.1

Wash hands thoroughly after handling.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362 Take off contaminated clothing.

SECTION 3: Composition/information on ingredients ***

Hazardous ingredients (Regulation (EC) No. 1272/2008) ***

Acetic acid

CAS No.	64-19-7			
EINECS no.	200-580-7			
Registration no.	01-2119475328-30-XXXX			
Concentration	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)				
	Skin Corr. 1A		H314	
	Flam. Liq. 3		H226	

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Irrit. 2	H319	>= 10 < 25
Skin Corr. 1A	H314	>= 90
Skin Corr. 1B	H314	>= 25 < 90
Skin Irrit. 2	H315	>= 10 < 25

DSD

Directive 67/548/EEC, Annex I, Note B

CLP

Regulation (EC) No 1272/2008, Annex VI, Note B

Further ingredients

Water

CAS No.	7732-18-5			
EINECS no.	231-791-2			
Concentration		>=	50	%
Advice: [4]				

Advice:

[4] Voluntary information

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

After contact with skin, wash immediately with plenty of water. Remove contaminated clothing. Summon a doctor immediately.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

After ingestion

Drink water in small gulps. Do not induce vomiting - aspiration hazard. Summon a doctor immediately. No trials on neutralisation.

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

Shortness of breath, Gastrointestinal complaints, Nausea, Vomiting

SECTION 5: Firefighting measures

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5.1. Extinguishing media**Suitable extinguishing media**

Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

Vapours heavier than air. Forms explosive mixture with air are possible. If a fire breaks out nearby evolution of dangerous gases possible.

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

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

Other information

Suppress vapours with water spray jet. Do not discharge into surface waters/groundwater.

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

Do not inhale vapours. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Pump off large amounts. Pick up with absorbent material. Neutralize. Send in suitable containers for recovery or disposal. Clean up affected area.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

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

Observe safety references and application instructions mentioned on can.

7.2. Conditions for safe storage, including any incompatibilities**Further information on storage conditions**

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Acetic acid**

List	SUVA			
Type	MAK			
Value	25	mg/m ³	10	ppm(V)
Short term exposure limit	50	mg/m ³	20	ppm(V)
Pregnancy group: S; Status: 2014				

8.2. Exposure controls**General protective and hygiene measures**

Remove contaminated, soaked clothing immediately and dispose of safely. Preventative skin protection.

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Wash hands and face after work.

Respiratory protection

Breathing apparatus in the event of vapours. Breathing apparatus in the event of aerosol or mist formation.

Hand protection

Gloves

Appropriate Material	Butyl rubber - Butyl
Material thickness	0.7 mm
Breakthrough time	> 480 min
Appropriate Material	Natural Latex
Material thickness	0.6 mm
Breakthrough time	> 30 min

Eye protection

Tightly fitting safety glasses

Body protection

Acid-resistant protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	liquid, clear
Colour	brown
Odour	of acetic acid

Melting point

Remarks No data available

Initial boiling point and boiling range

Remarks No data available

Flash point

Value	°C
Remarks	Not applicable

Density

Value	1.023	g/cm ³
Temperature	20	°C

Solubility in water

Remarks No data available

SECTION 10: Stability and reactivity**10.5. Incompatible materials**

Risk of explosion with: Strong oxidising agents, Potassium permanganate, nitrates, hydrogen peroxide (H₂O₂). Reacts violently with: Metals, Salts of metals (iron), Zinc, Magnesium, acetic acid anhydride, Reactions with alcohols. Reactions with halogenated compounds. Strong bases, Reaction with nitric acid. Incompatible with: Reactions with various metals. Reactions with metals, with evolution of hydrogen.

10.6. Hazardous decomposition products

In the event of fire the following can be released: Acetic acid

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

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Acute oral toxicity (Components)**Acetic acid**

Species	rat		
LD50		3310	mg/kg

Acute dermal toxicity

ATE		8'176.47	mg/kg
		06	

Method calculated value (Regulation (EC) No. 1272/2008)

Acute dermal toxicity (Components)**Acetic acid**

Species	rabbit		
LD50		1112	mg/kg
Source	Sigma/Aldrich		

Acute inhalative toxicity (Components)**Acetic acid**

Species	rat		
LC50		11.4	mg/l
Duration of exposure	4	h	

Acetic acid

Species	mouse		
LC50		5620	ppm(V)
Duration of exposure	1	h	
Source	Sigma/Aldrich		

Skin corrosion/irritation

evaluation irritant

Serious eye damage/irritation

evaluation irritant

Remarks Influence of the product with the eyes can lead to blindness.

Other information

Observe the usual precautions for handling chemicals.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

Remarks No data available.

Fish toxicity (Components)**Acetic acid**

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LC50	>	300.8	mg/l
Duration of exposure		96	h
Method	OECD 203		

Daphnia toxicity (Components)**Acetic acid**

Species	Daphnia magna		
EC50		47	mg/l
Duration of exposure		24	h
Source	Merck KGaA Safety Data Sheet		

Acetic acid

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Species	Daphnia magna	
EC50	> 300.82	mg/l
Duration of exposure	48	h
Method	OECD 202	
Source	Sigma/Aldrich	

Algae toxicity (Components)**Acetic acid**

Species	Scenedesmus quadricauda	
IC5	4000	mg/l
Duration of exposure	16	h

Bacteria toxicity (Components)**Acetic acid**

Species	Pseudomonas putida	
EC5	2850	mg/l
Duration of exposure	16	h

Acetic acid

Species	Photobacterium phosphoreum	
EC50	11	mg/l
Duration of exposure	15	min

12.2. Persistence and degradability**Biodegradability**

Remarks No data available.

Biodegradability (Components)**Acetic acid**

Value	99	%
Duration of test evaluation	30	d
	Readily biodegradable	

Acetic acid

Value	95	%
Duration of test	5	d
Method	OECD 302B/ISO 9888/EEC 88/302,C	

Biochemical oxygen demand (BOD5) (Components)**Acetic acid**

Value	880	mg/g
Duration of test	5	d
Source	Sigma/Aldrich	

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow) (Components)****Acetic acid**

log Pow	-0.17	
Temperature	25	°C
Source	Sigma/Aldrich	

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

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Dispose of as unused product.

SECTION 14: Transport information *****Land transport ADR/RID *******14.1. UN number**

UN 2790

14.2. UN proper shipping name

ACETIC ACID SOLUTION

14.3. Transport hazard class(es)

Class 8

Label 8

14.4. Packing group

Packing group III

Limited Quantity 5 I

Transport category 3

Tunnel restriction code E

Marine transport IMDG/GGVSee *****14.1. UN number**

UN 2790

14.2. UN proper shipping name

ACETIC ACID SOLUTION

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group III

Air transport ICAO/IATA *****14.1. UN number**

UN 2790

14.2. UN proper shipping name

ACETIC ACID SOLUTION

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group III

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 Classification according to Annex 4 VwVwS

15.2. Chemical safety assessment

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

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

CLP categories listed in Chapter 3

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Flam. Liq. 3
Skin Corr. 1A

Flammable liquid, Category 3
Skin corrosion, Category 1A

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.