

Trade name: Essenzessig weiss 14%

Substance number: 207650

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 weiss 14%

Item No. 20765000

### **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 <sup>3</sup>	10	ppm(V)
Short term exposure limit	50	mg/m <sup>3</sup>	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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Replaces Version: 1 / CH

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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**

<b>Form</b>	liquid, clear
<b>Colour</b>	colourless
<b>Odour</b>	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<sup>3</sup>**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 (H<sub>2</sub>O<sub>2</sub>). 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****Acute oral toxicity (Components)**

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**Acetic acid**

Species	rat		
LD50		3310	mg/kg

**Acute dermal toxicity**

ATE		8'176.47 06	mg/kg
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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

**Skin corrosion/irritation (Components)****Acetic acid**

Species	rabbit		
evaluation	strongly corrosive		

**Serious eye damage/irritation**

evaluation irritant

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

**Serious eye damage/irritation (Components)****Acetic acid**

Species	rabbit		
evaluation	strongly corrosive		

**Sensitization (Components)****Acetic acid**

Remarks No data available.

**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 (*Oncorhynchus mykiss*)

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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**

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.
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**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**

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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**

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 (Germany) WGK 3

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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**

Flam. Liq. 3

Flammable liquid, Category 3

Skin Corr. 1A

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.