

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Acid aceticum 30%

Item No. 20062100

Substance / product identification

UFI JSX9-PTYK-7U14-NY35

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/preparation**

Reagent for analyses

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)

Skin Corr. 1B H314

Eye Dam. 1 H318

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

H314 Causes severe skin burns and eye damage.

Precautionary statements ***

P264.1 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

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.

P501.3 Disposal in compliance with local and national regulations.

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

contains *** acetic 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 *****Chemical characterization**

Alcoholic solution

Hazardous ingredients *****acetic acid ... %**

CAS No.	64-19-7
EINECS no.	200-580-7
Registration no.	01-2119475328-30-XXXX
Concentration	>= 25 < 50 %
Classification (Regulation (EC) No. 1272/2008)	
	Flam. Liq. 3 H226
	Skin Corr. 1A H314

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 %

ATE dermal 1'112 mg/kg

Additional remarks:

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]	

Note

[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

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

Wash skin thoroughly with water (15 min.). 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

Let plenty of water be drunk in small gulps. Do NOT induce vomiting. Summon a doctor immediately. No trials on neutralisation.

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

Chemical burn, Shortness of breath, Convulsions, Vomiting

SECTION 5: Firefighting measures**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. The product is combustible.

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

Use self-contained breathing apparatus. Wear protective clothing.

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

Do not inhale vapours. Use breathing apparatus if exposed to vapours/dust/aerosol. 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

Pick up with absorbent material. 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**Storage classes**

Storage class according to TRGS 510 8A

Combustible corrosive hazardous substances

Storage category (Switzerland) 8

Caustic and corrosive substances

Further information on storage conditions

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

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; Remarks: SSc; OAW Auge; NIOSH OSHA				

Derived No/Minimal Effect Levels (DNEL/DMEL)**acetic acid ... %**

Type of value	Derived No Effect Level (DNEL)			
Reference group	Worker			
Duration of exposure	Long term			
Route of exposure	inhalative			
Mode of action	Local effects			
Concentration	25			mg/m ³

Type of value	Derived No Effect Level (DNEL)			
Reference group	Worker			
Duration of exposure	Acute			
Route of exposure	inhalative			
Mode of action	Local effects			
Concentration	25			mg/m ³

Type of value	Derived No Effect Level (DNEL)			
Reference group	General Population			
Duration of exposure	Long term			
Route of exposure	inhalative			
Mode of action	Local effects			
Concentration	25			mg/m ³

Predicted No Effect Concentration (PNEC)**acetic acid ... %**

Type	Soil		
Concentration	0.478		mg/kg
Type	Saltwater		
Concentration	0.3058		mg/l
Type	Freshwater		
Concentration	3.058		mg/l
Type	Marine sediment		
Concentration	1.136		mg/kg
Type	Sediment		
Concentration	11.36		mg/kg
Type	Sewage treatment plant (STP)		
Concentration	85		mg/l

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

Conditions	Intermittend	
Concentration	30.58	mg/l

8.2. Exposure controls

General protective and hygiene measures

Remove contaminated, soaked clothing immediately and dispose of safely. Preventative skin protection.
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. combination filter E-P2

Hand protection

Gloves	
Use	Permanent hand contact
Appropriate Material	Butyl rubber - Butyl
Material thickness	0.7 mm
Breakthrough time	> 480 min
Use	Short-term hand contact
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

Physical state	liquid
Colour	colourless
Odour	pungent

Upper and lower explosive limits

Lower explosion limit	4	%(V)
Upper explosion limit	19.9	%(V)
Source	Merck KGaA Safety Data Sheet	

Flash point

Value	> 100	°C
Source	Merck KGaA Safety Data Sheet	

pH value

Remarks	No data available
---------	-------------------

Vapour pressure

Remarks	not determined
---------	----------------

Density and/or relative density

Value	1.039		g/cm ³
Temperature	20	°C	

9.2. Other information

Solubility in water

Temperature	20	°C
-------------	----	----

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

Remarks soluble

Explosive properties

evaluation no

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

heat, Formation of explosive gas/air mixtures.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Water

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

In the event of fire the following can be released: Toxic gases/vapours, Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****acetic acid ... %**

Species	rat		
LD50	3310		mg/kg

acetic acid ... %

Species	rat		
LD50	3530		mg/kg

Acute dermal toxicity

ATE	3'706.66		mg/kg
	67		

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

Acute dermal toxicity (Components)**acetic acid ... %**

Species	rabbit		
LD50	1112		mg/kg

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)

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

Duration of exposure 1 h

acetic acid ... %

Species

rat

LC50

>

40

mg/l

Duration of exposure

4

h

Skin corrosion/irritation

evaluation

corrosive

Skin corrosion/irritation (Components)**acetic acid ... %**

Species

rabbit

evaluation

strongly corrosive

Serious eye damage/irritation

Remarks

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

Serious eye damage/irritation (Components)**acetic acid ... %**

Species

rabbit

evaluation

irritant - risk of serious damage to eyes

Sensitization (Components)**acetic acid ... %**

Remarks

No data available.

Subacute, subchronic, chronic toxicity (Components)**acetic acid ... %**

Remarks

No data available.

Mutagenicity (Components)**acetic acid ... %**

evaluation

No experimental indications on genotoxicity in vivo found.

Method

OECD 474

acetic acid ... %

Species

mammal, species unspecified

evaluation

No experimental information on genotoxicity in vitro available.

Method

OECD 476

Carcinogenicity (Components)**acetic acid ... %**

Remarks

negative on animals

Specific Target Organ Toxicity (STOT) (Components)**acetic acid ... %**

Remarks

Based on available data, the classification criteria are not met.

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.

Experience in practice

Ingestion of aqueous solution causes burns in: Mouth. Throat. Perforation of gullet and stomach. nausea. vomiting. Damage to the lungs possible. inhalation. Irritates the mucous membrane. Inhalation can cause damage to the respiratory tract or lungs. Skin contact. Causes burns. Kidney damage is possible.

Other information

Observe the usual precautions for handling chemicals.

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

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	

acetic acid ... %

Species	Daphnia magna		
EC50	>	300.82	mg/l
Duration of exposure	48	h	
Method	OECD 201		

Algae toxicity (Components)

acetic acid ... %

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

acetic acid ... %

Species	Skeletonema costatum		
EC50	>	300.82	mg/l
Duration of exposure	72	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	

acetic acid ... %

Species	Pseudomonas putida		
EC10	1000		mg/l
Duration of exposure	0.5	h	

12.2. Persistence and degradability

Biodegradability (Components)

acetic acid ... %

Value	99	%
Duration of test evaluation	30	d
Readily biodegradable		

Trade name: Acid aceticum 30%

Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

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

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

log Pow	-0.17
Temperature	25 °C

12.4. Mobility in soil**Mobility in soil (Components)****acetic acid ... %**

Mobile in soils

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

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

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.

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

Do not allow it to reach soil, 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

Trade name: Acid aceticum 30%




Substance number: 200621

Version: 5 / CH

Date revised: 14.08.2025

Replaces Version: 4 / CH

Print date: 14.08.25

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	2790	2790	2790
14.2. UN proper shipping name	ACETIC ACID SOLUTION	ACETIC ACID SOLUTION	ACETIC ACID SOLUTION
14.3. Transport hazard class(es)	8	8	8
Label			
14.4. Packing group	II	II	II
Limited Quantity	1 I		
Transport category	2		

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 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.
H318	Causes serious eye damage.

CLP categories listed in Chapter 3

Eye Dam. 1	Serious eye damage, Category 1
Flam. Liq. 3	Flammable liquid, Category 3
Skin Corr. 1A	Skin corrosion, Category 1A
Skin Corr. 1B	Skin corrosion, Category 1B

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.