



Trade name: Acetatlösung Brenntag

Substance number: 337760

Version: 1 / CH

Date revised: 01.12.10

Replaces Version: - / CH

Date of printing: 21.06.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Acetatlösung Brenntag

Item-No. 33776000

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

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

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

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

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P310 Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**Hazard symbols**

Corrosive

R phrases

34 Causes burns.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

23.3 Do not breathe vapour.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

3. Composition/information on ingredients**Chemical characterization**

Acetatlösung Brenntag

Hazardous ingredients**Acetic acid**

CAS No. 64-19-7

EINECS no. 200-580-7

Concentration < 10 <= 50

Classification C, R35
R10

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 Irrit. 2 H315 <= 10 < 25

Skin Corr. 1B H314 <= 25 < 90

4. First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. Take medical treatment.

After skin contact

Wash off immediately with soap and water and rinse well. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Begin with medical treatment.



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After ingestion

Drink water in small gulps. Take medical treatment.

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

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

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.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations. Suppress vapours with water spray jet.

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

Avoid contact with skin, eyes and clothing. Use breathing apparatus if exposed to vapours/dust/aerosol. Ensure supply of fresh air.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Clean up affected area. When picked up, treat material as prescribed under heading "Disposal".

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

Keep container tightly closed.

Advice on protection against fire and explosion

No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value 15 - 25 °C

Hints on storage assembly

Not required.

VCI storage category

VCI storage category 8B Non-combustible corrosive substances

8. Exposure controls/personal protection**8.1. Control parameters**



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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)
Maximum limit value: 4x15; Pregnancy group: C; Status: 2009;				

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

Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Avoid contact with eyes and skin.

Respiratory protection

combination filter E-P2

Hand protection

Protective gloves
 Appropriate Material nitrile rubber - NBR
 Material thickness >= 0.4 mm
 Penetrating time >= 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Protective clothing

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

Form	liquid
Colour	colourless
Odour	characteristic
pH	
Value	4.8 to 5.0
Melting point	
Remarks	Not determined
Boiling point	
Remarks	Not determined
Flash point	
Remarks	Not applicable
Flammability	
Remarks	Not self inflammable
Density	
Remarks	Not determined
Solubility in water	
Remarks	soluble

9.2. Other information**Other information**

The product is not dangerous for explosions.



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10. Stability and reactivity

10.4. Conditions to avoid

No decomposition if stored and applied as directed. No hazardous reactions known.

10.6. Hazardous decomposition products

Toxic gases/vapours

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Reference substance	Acetic acid		
Species	rat		
LD50	3310		mg/kg

Acute dermal toxicity

Reference substance	Acetic acid		
Species	rabbit		
LD50	1060		mg/kg

Skin corrosion/irritation

valuation	corrosive
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Serious eye damage/irritation

Remarks	Corrosive
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Sensitization

Remarks	No sensitisation effect known.
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12. Ecological information

12.6. Other adverse effects

General information / ecology

Ecological data are not available. Do not allow it to reach soil, ground water, water bodies or sewage system.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code	No not dispose with rubbish.
EWC waste code	Should not be released into the sanitary sewer system.
Disposal in compliance with local and national regulations.	

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.
Packaging that cannot be cleaned should be disposed off as product waste.

14. Transport information

Land transport ADR/RID

14.1. UN number

UN 2790

14.2. UN proper shipping name

ACETIC ACID SOLUTION



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14.3. Transport hazard class(es)

Class 8

Label 8

14.4. Packing group

Packing group III

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

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Ger.)**

Water Hazard Class (Ger.) WGK 1

Remarks Self-assessment

16. Other information**R-phrases listed in chapter 3**

10 Flammable.

35 Causes severe burns.

Hazard statements listed in chapter 3

H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

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.