

## Safety Data Sheet

according to UK REACH Regulation

### Sodium acetate solution 0.1 mol/l - 0.1 N solution in acetic acid suitable for determination of the

Revision date: 05.01.2023

Product code: 04814

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

##### 1.1. Product identifier

Sodium acetate solution 0.1 mol/l - 0.1 N solution in acetic acid suitable for determination of the

UFI: FAAE-Q0H2-T00D-7HRS

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

###### Use of the substance/mixture

Laboratory chemicals

Industrial uses: Uses of substances as such or in preparations at industrial sites

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

###### Uses advised against

Do not use for private purposes (household).

##### 1.3. Details of the supplier of the safety data sheet

|                         |                                  |                              |
|-------------------------|----------------------------------|------------------------------|
| Company name:           | AnalytiChem GmbH                 |                              |
| Street:                 | Stempelstraße 6                  |                              |
| Place:                  | D-47167 Duisburg                 |                              |
| Telephone:              | 0203/5194-0                      | Telefax: 0203/5194-290       |
| e-mail:                 | info@analytichem.de              |                              |
| Contact person:         | Abteilung Produktsicherheit      | Telephone: 0203/5194-107/117 |
| e-mail:                 | produktsicherheit@analytichem.de |                              |
| Internet:               | www.analytichem.de               |                              |
| Responsible Department: | Abteilung Produktsicherheit      |                              |

##### 1.4. Emergency telephone number:

For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

##### Further Information

inapplicable, this product is a mixture REACH registration number see section 3

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### GB CLP Regulation

Met. Corr. 1; H290

Flam. Liq. 3; H226

Skin Corr. 1A; H314

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

##### 2.2. Label elements

###### GB CLP Regulation

###### Hazard components for labelling

acetic acid

Signal word: Danger

###### Pictograms:



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**Hazard statements**

H226 Flammable liquid and vapour.  
H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
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/doctor.

**2.3. Other hazards**

No data available

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous components**

| CAS No   | Chemical name                          |              |                  | Quantity     |
|----------|--|--------------|------------------|--------------|
|          | EC No                                  | Index No     | REACH No         |              |
|          | Classification (GB CLP Regulation)     |              |                  |              |
| 64-19-7  | acetic acid                            |              |                  | 95 - < 100 % |
|          | 200-580-7                              | 607-002-00-6 | 01-2119475328-30 |              |
|          | Flam. Liq. 3, Skin Corr. 1A; H226 H314 |              |                  |              |
| 127-09-3 | sodium acetate                         |              |                  | < 1 %        |
|          | 204-823-8                              |              | 01-2119485123-42 |              |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No   | EC No   | Chemical name  | Quantity     |
|----------|---|----------------|--------------|
|          | Specific Conc. Limits, M-factors and ATE  |                |              |
| 64-19-7  | 200-580-7   | acetic acid    | 95 - < 100 % |
|          | inhalation: LC50 = 11,4 mg/l (vapours); oral: LD50 = 3310 mg/kg Skin Corr. 1A; H314: >= 90 - 100 Skin Corr. 1B; H314: >= 25 - < 90 Skin Irrit. 2; H315: >= 10 - < 25 Eye Irrit. 2; H319: >= 10 - < 25 |                |              |
| 127-09-3 | 204-823-8   | sodium acetate | < 1 %        |
|          | dermal: LD50 = > 28269,15 mg/kg; oral: LD50 = ca. 2015,4 mg/kg  |                |              |

**Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Self-protection of the first aider

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#### After inhalation

Provide fresh air.  
Call a physician immediately.

#### After contact with skin

Wash immediately with: Water  
Take off immediately all contaminated clothing and wash it before reuse.  
Call a physician immediately.

#### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.  
Remove contact lenses, if present and easy to do. Continue rinsing.

#### After ingestion

Rinse mouth immediately and drink plenty of water.  
Do NOT induce vomiting.  
Do not allow a neutralisation agent to be drunk.  
Call a physician immediately.

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

Irritant  
corrosive  
Dyspnoea  
Gastrointestinal complaints  
Vomiting  
Circulatory collapse  
Corneal opacity.  
Risk of serious damage to eyes.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No data available

## SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

##### Unsuitable extinguishing media

no restriction

#### 5.2. Special hazards arising from the substance or mixture

Combustible liquids  
Hazardous combustion products  
In case of fire may be liberated:  
Carbon dioxide (CO<sub>2</sub>) Carbon monoxide  
Acetic acid vapour  
Vapours are heavier than air, spread along floors and form explosive mixtures with air.  
Heating causes rise in pressure with risk of bursting.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.  
In case of fire and/or explosion do not breathe fumes.  
Avoid contact with skin, eyes and clothes.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
Move undamaged containers from immediate hazard area if it can be done safely.  
Use water spray jet to protect personnel and to cool endangered containers.

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#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

###### General advice

Keep away from sources of ignition - No smoking.

This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe).

Take action to prevent static discharges.

Corrosive to metals.

###### For non-emergency personnel

Provide adequate ventilation.

Use personal protection equipment.

Avoid contact with skin, eyes and clothes.

Remove persons to safety.

Emergency procedures

Consult an expert

Do not breathe dust/fume/gas/mist/vapours/spray.

###### For emergency responders

Precautionary statements For emergency responders : Personal protection equipment: see section 8

##### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.

Danger of explosion

##### 6.3. Methods and material for containment and cleaning up

###### For containment

Cover drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

Collect in closed and suitable containers for disposal.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

###### For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

###### Other information

Provide adequate ventilation.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

##### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### Advice on safe handling

Read label before use. Handle and open container with care.

When using do not eat, drink, smoke, sniff. Keep container tightly closed.

Use personal protection equipment. Use extractor hood (laboratory).

Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.

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**Advice on protection against fire and explosion**

Take action to prevent static discharges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs.

**Further information on handling**

Take off immediately all contaminated clothing and wash it before reuse.

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. If handled uncovered, arrangements with local exhaust ventilation have to be used.

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

**Requirements for storage rooms and vessels**

Store in a well-ventilated place. Keep container tightly closed.

Store in a dry place.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Hints on joint storage**

national regulations

**Further information on storage conditions**

storage temperature +15°C - +25°C

**7.3. Specific end use(s)**

Laboratory chemicals

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Exposure limits (EH40)**

| CAS No  | Substance   | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|---------|-------------|-----|-------------------|-----------|---------------|--------|
| 64-19-7 | Acetic acid | 10  | 25                |           | TWA (8 h)     | WEL    |
|         |             | 20  | 50                |           | STEL (15 min) | WEL    |

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**DNEL/DMEL values**

| CAS No   | Substance                | Exposure route | Effect   | Value                     |
|----------|--------------------------|----------------|----------|---------------------------|
| 64-19-7  | acetic acid              |                |          |                           |
|          | Worker DNEL, long-term   | inhalation     | local    | 25 mg/m <sup>3</sup>      |
|          | Worker DNEL, acute       | inhalation     | local    | 25 mg/m <sup>3</sup>      |
|          | Consumer DNEL, long-term | inhalation     | local    | 25 mg/m <sup>3</sup>      |
|          | Consumer DNEL, acute     | inhalation     | local    | 25 mg/m <sup>3</sup>      |
| 127-09-3 | sodium acetate           |                |          |                           |
|          | Worker DNEL, long-term   | inhalation     | systemic | 1057,9 mg/m <sup>3</sup>  |
|          | Worker DNEL, acute       | inhalation     | systemic | 6347,36 mg/m <sup>3</sup> |
|          | Worker DNEL, long-term   | dermal         | systemic | 12 mg/kg bw/day           |
|          | Worker DNEL, acute       | dermal         | systemic | 72 mg/kg bw/day           |
|          | Consumer DNEL, long-term | inhalation     | systemic | 521,73 mg/m <sup>3</sup>  |
|          | Consumer DNEL, acute     | inhalation     | systemic | 3103,45 mg/m <sup>3</sup> |
|          | Consumer DNEL, long-term | dermal         | systemic | 6 mg/kg bw/day            |
|          | Consumer DNEL, acute     | dermal         | systemic | 36 mg/kg bw/day           |
|          | Consumer DNEL, long-term | oral           | systemic | 6 mg/kg bw/day            |
|          | Consumer DNEL, acute     | oral           | systemic | 36 mg/kg bw/day           |

**PNEC values**

| CAS No   | Substance  | Value       |
|----------|--|-------------|
| 64-19-7  | acetic acid                                      |             |
|          | Freshwater                                       | 3,058 mg/l  |
|          | Freshwater (intermittent releases)               | 30,58 mg/l  |
|          | Marine water                                     | 0,306 mg/l  |
|          | Freshwater sediment                              | 11,36 mg/kg |
|          | Marine sediment                                  | 1,136 mg/kg |
|          | Micro-organisms in sewage treatment plants (STP) | 85 mg/l     |
|          | Soil   | 0,47 mg/kg  |
| 127-09-3 | sodium acetate                                   |             |
|          | Freshwater                                       | 0,1 mg/l    |
|          | Marine water                                     | 0,01 mg/l   |
|          | Freshwater sediment                              | 0 mg/kg     |
|          | Marine sediment                                  | 0 mg/kg     |
|          | Micro-organisms in sewage treatment plants (STP) | 720 mg/l    |
|          | Soil   | 0 mg/kg     |

**8.2. Exposure controls**

**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

**Individual protection measures, such as personal protective equipment**

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**Eye/face protection**

goggles  
Face protection umbrella

**Hand protection**

Suitable examples are gloves of KCL GmbH, D-36124 Eichenzell, e-mail: [vertrieb@kcl.de](mailto:vertrieb@kcl.de) with the following specification (test according to EN 374):

By long-term hand contact  
Trade name/designation: KCL 897 Butoject®  
Suitable material: Butyl caoutchouc (butyl rubber) 0,3 mm  
Wearing time with permanent contact: > 480 min

By short-term hand contact  
Trade name/designation: KCL 890 Vitoject®  
Suitable material: FKM (fluoro rubber) 0,7 mm  
Wearing time with occasional contact (splashes): > 60 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

**Skin protection**

Take off immediately all contaminated clothing and wash it before reuse.  
Wear fire resistant or flame retardant clothing.  
Wash hands and face before breaks and after work and take a shower if necessary.  
Draw up and observe skin protection programme.

**Respiratory protection**

Respiratory protection necessary at: aerosol or mist formation

**Environmental exposure controls**

Do not allow to enter into surface water or drains.  
Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.  
Danger of explosion

**SECTION 9: Physical and chemical properties**

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

|   |                   |                   |
|---|-------------------|-------------------|
| Physical state:   | Liquid            |                   |
| Colour:   | colourless        |                   |
| Odour:  | stinging          |                   |
| Odour threshold:  | No data available |                   |
| Melting point/freezing point:                             |                   | No data available |
| Boiling point or initial boiling point and boiling range: |                   | ~116 °C           |
| Flammability  |                   |                   |
| Solid/liquid:   |                   | No data available |
| Gas:  |                   | No data available |
| Lower explosion limits:                                   |                   | ~ 4 vol. %        |
| Upper explosion limits:                                   |                   | ~ 19,9 vol. %     |
| Flash point:  |                   | ~ 39 °C           |
| Auto-ignition temperature:                                |                   | ~ 463 °C          |
| Decomposition temperature:                                |                   | No data available |

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|   |                          |
|---|--------------------------|
| pH-Value:   | 1,6                      |
| Viscosity / kinematic:                            | No data available        |
| Water solubility:<br>(at 25 °C)                   | ~ 602,9 g/L              |
| Solubility in other solvents<br>No data available |                          |
| Dissolution rate:                                 | No data available        |
| Partition coefficient n-octanol/water:            | No data available        |
| Dispersion stability:                             | No data available        |
| Vapour pressure:<br>(at 20 °C)                    | ~ 16 hPa hPa             |
| Vapour pressure:                                  | No data available        |
| Density:  | ~ 1,05 g/cm <sup>3</sup> |
| Relative density:                                 | No data available        |
| Bulk density:                                     | No data available        |
| Relative vapour density:                          | No data available        |
| Particle characteristics:                         | No data available        |

**9.2. Other information**

**Information with regard to physical hazard classes**

**Explosive properties**

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Sustaining combustion: No data available

**Self-ignition temperature**

Solid: No data available

Gas: No data available

**Oxidizing properties**

No data available

**Other safety characteristics**

Evaporation rate: No data available

Solvent separation test: No data available

Solvent content: No data available

Solid content: No data available

Sublimation point: No data available

Softening point: No data available

Pour point: No data available

: No data available

Viscosity / dynamic: No data available

Flow time: No data available

**Further Information**

No data available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

In case of warming: Vapours may form explosive mixtures with air.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Oxidising agent  
peroxides, for example hydrogen peroxide  
permanganates, e.g. potassium permanganate



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Oxidising agent, strong  
Metal  
iron and steel  
Zinc  
Alkali (lye)  
aldehydes  
Alcohols  
Nitric acid

**10.4. Conditions to avoid**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**10.5. Incompatible materials**

Metal

**10.6. Hazardous decomposition products**

SECTION 5: Firefighting measures

**Further information**

No data available

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in GB CLP Regulation**

**Toxicokinetics, metabolism and distribution**

No data available

**Acute toxicity**

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

If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

Symptoms may be delayed.

| CAS No   | Chemical name           |                       |         |   |  |
|----------|-------------------------|-----------------------|---------|---|--|
|          | Exposure route          | Dose                  | Species | Source                                    | Method                                   |
| 64-19-7  | acetic acid             |                       |         |   |  |
|          | oral                    | LD50 3310 mg/kg       | Rat     | J Ind Hyg Toxicol, Vol 23, PP 78-82 (194) | The sodium salt of acetic acid was admin |
|          | inhalation (4 h) vapour | LC50 11,4 mg/l        | Rat     | Study report (1980)                       | OECD Guideline 403                       |
| 127-09-3 | sodium acetate          |                       |         |   |  |
|          | oral                    | LD50 ca. 2015,4 mg/kg |         | Read-across (2010)                        | Read-across approach from Letter of Acce |
|          | dermal                  | LD50 > 28269,15 mg/kg |         | Read-across (2010)                        | Read-across approach from published expe |

**Irritation and corrosivity**

Causes severe skin burns and eye damage.

Causes serious eye damage.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

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

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**STOT-repeated exposure**

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

**Aspiration hazard**

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

Observe risk of aspiration if vomiting occurs.

**Information on likely routes of exposure**

No data available

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

No data available

**Practical experience**

No data available

**11.2. Information on other hazards**

**Endocrine disrupting properties**

No data available

**Other information**

- Irritant
- corrosive
- Dyspnoea
- Gastrointestinal complaints
- Vomiting
- Circulatory collapse
- Corneal opacity.
- Risk of serious damage to eyes.

**Further information**

Damage to: kidneys

**SECTION 12: Ecological information**

**12.1. Toxicity**

There are no data available on the mixture itself.

| CAS No   | Chemical name            |                     |           |                      |                     |  |
|----------|--------------------------|---------------------|-----------|----------------------|---------------------|--|
|          | Aquatic toxicity         | Dose                | [h]   [d] | Species              | Source              | Method                                   |
| 64-19-7  | acetic acid              |                     |           |                      |                     |  |
|          | Acute fish toxicity      | LC50 > 1000 mg/l    | 96 h      | Oncorhynchus mykiss  | Study report (2005) | other: SOP E257                          |
|          | Acute algae toxicity     | ErC50 > 1000 mg/l   | 72 h      | Skeletonema costatum | Study report (2005) | ISO 10253                                |
|          | Acute crustacea toxicity | EC50 > 1000 mg/l    | 48 h      | Daphnia magna        | Study report (1990) | OECD Guideline 202                       |
| 127-09-3 | sodium acetate           |                     |           |                      |                     |  |
|          | Acute fish toxicity      | LC50 > 100 mg/l     | 96 h      | Danio rerio          | Study report (1993) | OECD Guideline 203                       |
|          | Acute algae toxicity     | ErC50 > 417,92 mg/l | 72 h      |                      | Read-across (2010)  | Read-across approach from Letter of Acce |

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

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**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**Partition coefficient n-octanol/water**

| CAS No   | Chemical name  | Log Pow |
|----------|----------------|---------|
| 64-19-7  | acetic acid    | -0,17   |
| 127-09-3 | sodium acetate | -3,72   |

**BCF**

| CAS No   | Chemical name  | BCF   | Species | Source               |
|----------|----------------|-------|---------|----------------------|
| 64-19-7  | acetic acid    | 3,16  | fish    | Environ. Toxicol. Ch |
| 127-09-3 | sodium acetate | 3,162 |         | Calculation (2009)   |

**12.4. Mobility in soil**

There are no data available on the mixture itself.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

There are no data available on the mixture itself.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

There are no data available on the mixture itself.

**12.7. Other adverse effects**

Do not allow to enter into surface water or drains.

Avoid release to the environment.

Harmful effect due to pH shift.

**Further information**

There are no data available on the mixture itself.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Send to a physico-chemical treatment facility under observation of official regulations.

Do not empty into drains.

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**SECTION 14: Transport information****Land transport (ADR/RID)**

|  |                      |
|--|----------------------|
| <b>14.1. UN number or ID number:</b>     | UN 2789              |
| <b>14.2. UN proper shipping name:</b>    | Acetic acid, glacial |
| <b>14.3. Transport hazard class(es):</b> | 8                    |
| <b>14.4. Packing group:</b>              | II                   |
| Hazard label:                            | 8+3                  |
| Classification code:                     | CF1                  |
| Limited quantity:                        | 1 L                  |
| Excepted quantity:                       | E2                   |

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Transport category: 2  
Hazard No: 83  
Tunnel restriction code: D/E

**Inland waterways transport (ADN)**

**14.1. UN number or ID number:** UN 2789  
**14.2. UN proper shipping name:** Acetic acid, glacial  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
Hazard label: 8+3  
Classification code: CF1  
Limited quantity: 1 L  
Excepted quantity: E2

**Marine transport (IMDG)**

**14.1. UN number or ID number:** UN 2789  
**14.2. UN proper shipping name:** Acetic acid, glacial  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
Hazard label: 8+3  
Special Provisions: -  
Limited quantity: 1 L  
Excepted quantity: E2  
EmS: F-E, S-C

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** UN 2789  
**14.2. UN proper shipping name:** Acetic acid, glacial  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** II  
Hazard label: 8+3  
Limited quantity Passenger: 0.5 L  
Passenger LQ: Y840  
Excepted quantity: E2  
IATA-packing instructions - Passenger: 851  
IATA-max. quantity - Passenger: 1 L  
IATA-packing instructions - Cargo: 855  
IATA-max. quantity - Cargo: 30 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

## Safety Data Sheet

according to UK REACH Regulation

### Sodium acetate solution 0.1 mol/l - 0.1 N solution in acetic acid suitable for determination of the

Revision date: 05.01.2023

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Water hazard class (D): 1 - slightly hazardous to water

#### SECTION 16: Other information

##### Changes

This data sheet contains changes from the previous version in section(s): 9.

##### Classification for mixtures and used evaluation method according to GB CLP Regulation

| Classification      | Classification procedure |
|---------------------|--------------------------|
| Met. Corr. 1; H290  | On basis of test data    |
| Flam. Liq. 3; H226  | On basis of test data    |
| Skin Corr. 1A; H314 | Calculation method       |
| Eye Dam. 1; H318    | Calculation method       |

##### Relevant H and EUH statements (number and full text)

|      |  |
|------|--|
| H226 | Flammable liquid and vapour.             |
| H290 | May be corrosive to metals.              |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage.               |

##### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*