

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended

ACETIC ACID 80% CHEMICALLY PURE

Version 4.0

Print Date 05.11.2025

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

1.1. Product identifier

Trade name	:	ACETIC ACID 80% CHEMICALLY PURE
Substance name	:	acetic acid...%
Index-No.	:	607-002-00-6
CAS-No.	:	64-19-7
EC-No.	:	200-580-7
EU REACH-Reg. No.	:	01-2119475328-30-xxxx
UFI	:	9ME2-70S7-P00U-UM75
UFI code notified in	:	Belgium, Germany, Denmark, Estonia, Spain, France, Croatia, Ireland, Iceland, Lithuania, Luxembourg, Latvia, Malta, Netherlands, Norway, Portugal, Sweden

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

Use of the Substance/Mixture	:	Identified use: See table in front of appendix for a complete overview of identified uses.
Uses advised against	:	At this moment we have not identified any uses advised against
Remarks	:	Before referring to any Exposure Scenario attached to this Safety Data Sheet please check the grade of the product: the Exposure Scenarios presented are not related to all product grade

1.3. Details of the supplier of the safety data sheet

Company	:	Brenntag N.V. Nijverheidslaan 38 BE 8540 Deerlijk
Telephone	:	+32 (0)56 77 6944
Telefax	:	+32 (0)56 77 5711
E-mail address	:	info@brenntag.be
Responsible/issuing person	:	Master Data Administration
Company	:	Brenntag Nederland B.V. Donker Duyvisweg 44 NL 3316 BM Dordrecht
Telephone	:	+31 (0)78 65 44 944
Telefax	:	+31 (0)78 65 44 919
E-mail address	:	info@brenntag.nl

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Responsible/issuing person : Master Data Administration

1.4. Emergency telephone number

Emergency telephone number : Belgium: Antipoison Center - Brussels TEL: +32(0)70 245 245
Netherland: National Poisoning Information Center - Bilthoven
TEL: +31(0) 88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

REGULATION (EC) No 1272/2008			
Hazard class	Hazard category	Target Organs	Hazard statements
Skin corrosion	Category 1B	---	H314
Serious eye damage	Category 1	---	H318

For the full text of the H-Statements mentioned in this Section, see Section 16.

Most important adverse effects

Human Health : See section 11 for toxicological information.
Physical and chemical hazards : See section 9/10 for physicochemical information.
Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols :



Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.

Precautionary statements

Prevention : P260 Do not breathe mist/ vapours/ spray.

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	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	:	P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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.

Hazardous components which must be listed on the label:

- acetic acid...%

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1. Substances

		Classification (REGULATION (EC) No 1272/2008)		
Hazardous components	Amount [%]	Hazard class / Hazard category	Hazard statements	
acetic acid...%				
Index-No. : 607-002-00-6	> 75 - <= 80	Flam. Liq.3	H226	
CAS-No. : 64-19-7		Skin Corr.1A	H314	
EC-No. : 200-580-7		Eye Dam.1	H318	
		specific concentration limit		
		Skin Corr. 1A; H314		
		>= 90 %		
		Skin Corr. 1B; H314		
		25 - < 90 %		

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EU REACH- : 01-2119475328-30-xxxx
Reg. No.

Skin Irrit. 2; H315
10 - < 25 %
Eye Irrit. 2; H319
10 - < 25 %

Note B

For the full text of the H-Statements mentioned in this Section, see Section 16.
For the full text of the Notes mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	: Take off all contaminated clothing immediately.
If inhaled	: In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
In case of skin contact	: Wash off immediately with soap and plenty of water. Call a physician immediately.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.
Protection of First Aid Responders	: First Aid responders should pay attention to self-protection and use the recommended protective clothing.

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

Symptoms	: See Section 11 for more detailed information on health effects and symptoms.;
Effects	: Extremely corrosive and destructive to tissue. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach. See Section 11 for more detailed information on health effects and symptoms.

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

Treatment	: Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

- | | | |
|--------------------------------|---|--|
| Suitable extinguishing media | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Unsuitable extinguishing media | : | High volume water jet |

5.2. Special hazards arising from the substance or mixture

- | | | |
|--------------------------------------|---|---|
| Specific hazards during firefighting | : | Strong heating may produce combustible vapours which can form explosive mixture with air. |
| Hazardous combustion products | : | Carbon monoxide, Carbon dioxide (CO ₂), The formation of caustic fumes is possible. |

5.3. Advice for firefighters

- | | | |
|---|---|--|
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit) |
| Specific extinguishing methods | : | Control smoke with water spray. |
| Further advice | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- | | | |
|----------------------|---|--|
| Personal precautions | : | Keep away unprotected persons. Use personal protective equipment. Ensure adequate ventilation. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. |
|----------------------|---|--|

6.2. Environmental precautions

- | | | |
|---------------------------|---|--|
| Environmental precautions | : | Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. |
|---------------------------|---|--|

6.3. Methods and materials for containment and cleaning up

- | | | |
|---|---|---|
| Methods and materials for containment and cleaning up | : | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal. |
| Further information | : | Treat recovered material as described in the section "Disposal considerations". |

6.4. Reference to other sections

- See Section 1 for emergency contact information.
 See Section 8 for information on personal protective equipment.
 See Section 13 for waste treatment information.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Keep container tightly closed. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Use respirator with appropriate filter if vapours or aerosol are released. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.

Advice on protection against fire and explosion : Normal measures for preventive fire protection. Possible formation of ignitable mixtures in air if heated above flash point and/or if sprayed (atomised).

Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep in a well-ventilated place.

Advice on common storage : Keep away from food, drink and animal feedingstuffs. Materials to avoid: Oxidizing agents

Suitable packaging materials : Stainless steel, Polyethylene, Polypropylene

Unsuitable packaging materials : , Iron, copper, Brass, Zinc

7.3. Specific end use(s)

|| Specific use(s) : Identified use: See table in front of appendix for a complete overview of identified uses.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Component:	acetic acid...%	CAS-No. 64-19-7
Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)		

DNEL

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Workers, Long-term - local effects, Inhalation : 25 mg/m3

DNEL

Workers, Acute - local effects, Inhalation : 25 mg/m3

DNEL

General population, Long-term - local effects, Inhalation : 25 mg/m3

Predicted No Effect Concentration (PNEC)

Fresh water : 3,058 mg/l

Marine water : 0,306 mg/l

Freshwater intermittent releases : 30,58 mg/l

Sewage treatment plant (STP) : 85 mg/l

Fresh water sediment : 11,36 mg/kg d.w.

Marine sediment : 1,136 mg/kg d.w.

Soil : 0,47 mg/kg d.w.

Other Occupational Exposure Limit Values

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Time Weighted Average (TWA):
10 ppm, 25 mg/m3
Indicative

Belgium. OELs. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1, as amended, Time Weighted Average (TWA):
10 ppm, 25 mg/m3

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Short Term Exposure Limit (STEL):
20 ppm, 50 mg/m3
Indicative

Belgium. OELs. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1, as amended, Short Term Exposure Limit (STEL):
15 ppm, 38 mg/m3, (15 minutes)

Netherlands. OELs (binding) per Annex XIII of Working Conditions Regulation, as amended, Time Weighted Average (TWA):
25 mg/m3

Netherlands. OELs (binding) per Annex XIII of Working Conditions Regulation, as amended, Short Term Exposure Limit (STEL):
50 mg/m3, (15 minutes)

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EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Time Weighted Average (TWA):
10 ppm, 25 mg/m³
Indicative

EU. Indicative Occupational Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, as amended, Short Term Exposure Limit (STEL):
20 ppm, 50 mg/m³
Indicative

8.2. Exposure controls

Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection

Advice : In case of brief exposure or low pollution use breathing filter apparatus.
Recommended Filter type:A
Recommended Filter type:E
In case of intensive or longer exposure use self-contained breathing apparatus.
Equipment should conform to EN 14387

Hand protection

Advice : Protective gloves complying with EN 374.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.
Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Protective gloves should be replaced at first signs of wear.

Material : Natural Rubber
Break through time : ≥ 8 h
Glove thickness : 0,5 mm

Material : polychloroprene
Break through time : ≥ 8 h
Glove thickness : 0,5 mm

Material : butyl-rubber
Break through time : ≥ 8 h
Glove thickness : 0,5 mm

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Material : Fluorinated rubber
Break through time : ≥ 8 h
Glove thickness : 0,4 mm

Material : Polyvinylchloride
Break through time : ≥ 8 h
Glove thickness : 0,5 mm

Eye protection

Advice : Tightly fitting safety goggles (EN166)
Face-shield

Skin and body protection

Protecting Clothes : Impervious clothing
Chemical resistant apron

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

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

Form : liquid

Physical state : liquid

Colour : colourless

Odour : vinegar-like

Odour Threshold : No data available

Freezing point/range : $> -27 - -7$ °C

Boiling point/boiling range : $102 - 118$ °C

Flammability (solid, gas) : Not applicable

Upper explosion limit / Upper flammability limit : 19,9 %(V)
(referring to pure substance)

Lower explosion limit / Lower flammability limit : 4,0 %(V)
(referring to pure substance)

Flash point : > 60 °C

Auto-ignition temperature : 463 °C

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Decomposition temperature	:	No data available
Self-Accelerating decomposition temperature (SADT)	:	No data available
pH	:	0,2 - 0,6 Concentration: 100 % Method: measured (formulated product)
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Solubility(ies)		
Water solubility	:	soluble
Solubility in other solvents	:	No data available
Dissolution Rate	:	No data available
Partition coefficient: n-octanol/water	:	log Pow: -0,17 (25 °C) pH: 7
Dispersion Stability	:	No data available
Vapour pressure	:	No data available
Relative density	:	No data available
Density	:	ca. 1,06 g/cm ³ (20 °C)
Bulk density	:	No data available
Relative vapour density	:	No data available
Particle characteristics		
Particle size	:	Not applicable

9.2 Other information

Explosives	:	Product is not explosive.
Oxidizing properties	:	not oxidising
Molecular weight	:	60,05 g/mol

SECTION 10: Stability and reactivity

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10.1. Reactivity

Advice : No decomposition if used as directed.

10.2. Chemical stability

Advice : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : May be corrosive to metals.

10.4. Conditions to avoid

Conditions to avoid : Heat

10.5. Incompatible materials

Materials to avoid : Bases, Strong oxidizing agents, Alcohols, Nitric acid

10.6. Hazardous decomposition products

Hazardous decomposition products : Under fire conditions: Carbon monoxide, Carbon dioxide (CO₂)

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Data for the product

Acute toxicity

Oral

Not classified based on the calculation method according to CLP regulation.

Inhalation

Not classified based on the calculation method according to CLP regulation.

Dermal

Not classified based on the calculation method according to CLP regulation.

Irritation

Skin

Result : Classified based on the calculation method according to CLP regulation.

Eyes

Result : Classified based on the calculation method according to CLP

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regulation.

Sensitisation

Result : Not classified based on the calculation method according to CLP regulation.

CMR effects

CMR Properties

Carcinogenicity : Not classified based on the calculation method according to CLP regulation.

Mutagenicity : Not classified based on the calculation method according to CLP regulation.

Reproductive toxicity : Not classified based on the calculation method according to CLP regulation.

Specific Target Organ Toxicity

Single exposure

Remarks : Not classified based on the calculation method according to CLP regulation.

Repeated exposure

Remarks : Not classified based on the calculation method according to CLP regulation.

Other toxic properties

Repeated dose toxicity

No data available

Aspiration hazard

Not applicable,

Component:	acetic acid...%	CAS-No. 64-19-7
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Acute toxicity

Oral

LD50 : 3530 mg/kg (Rat)

Inhalation

LC50 : > 40 mg/l (Rat; 4 h)

Irritation

Skin

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Result : Causes severe skin burns and eye damage.

Eyes

Result : Causes severe skin burns and eye damage.
Causes serious eye damage.

CMR effects

CMR Properties

Carcinogenicity : Animal testing did not show any carcinogenic effects.
Mutagenicity : In vivo tests did not show mutagenic effects
In vitro tests did not show mutagenic effects
Teratogenicity : Results from animal studies prove that this material is not
teratogenic for non-toxic doses for the mother animal and is not
toxic for embryonic or fetal development.

Genotoxicity in vitro

Result : negative (In vitro gene mutation study in mammalian cells; Test
substance: Acetic anhydride) (OECD Test Guideline 476)
negative (In vitro gene mutation study in mammalian cells) (OECD
Test Guideline 473)
negative (In vitro gene mutation study in non-mammalian cells)
(OECD Test Guideline 471)

Genotoxicity in vivo

Result : negative (in vivo assay) (Test substance: Acetic anhydride) (OECD
Test Guideline 474)

Teratogenicity

(Rabbit)(5 %; 13 d)(Directive 67/548/EEC, Annex V, B.31.)negative
(Rat)(5 %; 10 d)(Directive 67/548/EEC, Annex V, B.31.)negative
(Mouse)(5 %; 10 d)(Directive 67/548/EEC, Annex V,
B.31.)negative

Specific Target Organ Toxicity

Single exposure

Remarks : The substance or mixture is not classified as specific target organ
toxicant, single exposure.

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Repeated exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Aspiration hazard

Not applicable,

11.2. Information on other hazards

Data for the product

Endocrine disrupting properties

Assessment : The substance/mixture does not contain components
Endocrine Disrupting considered to have endocrine disrupting properties according
Properties to REACH Article 57(f) or Commission Delegated regulation
(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at
levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Component:	acetic acid...%	CAS-No. 64-19-7
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Acute toxicity

Fish

LC50 : > 300,82 mg/l (Oncorhynchus mykiss (rainbow trout); 96 h) (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

EC50 : > 300,82 mg/l (Daphnia magna (Water flea); 48 h) (OECD Test Guideline 202)

algae

EC50 : > 300,82 mg/l (Skeletonema costatum (marine diatom); 72 h)

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Bacteria

EC10 : 1000 mg/l (Pseudomonas putida; 0,5 h)

12.2. Persistence and degradability

Component:	acetic acid...%	CAS-No. 64-19-7
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Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : 95 % (Exposure Time: 5 d) Readily biodegradable.

12.3. Bioaccumulative potential

Component:	acetic acid...%	CAS-No. 64-19-7
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Bioaccumulation

Result : log Kow -0,17 (25 °C; pH 7)
: BCF: 3,16; Does not bioaccumulate.

12.4. Mobility in soil

Component:	acetic acid...%	CAS-No. 64-19-7
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Mobility

Water : The product is water soluble., The product will be dispersed amongst the various environmental compartments (soil/ water/ air).

12.5. Results of PBT and vPvB assessment

Data for the product

Results of PBT and vPvB assessment

Result : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or

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higher.

Component:	acetic acid...%	CAS-No. 64-19-7
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Results of PBT and vPvB assessment

Result : Not persistent, bioaccumulative, and toxic (PBT)., Not very persistent and very bioaccumulative (vPvB).

12.6. Endocrine disrupting properties

Data for the product

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Data for the product

Additional ecological information

Result : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Harmful effects to aquatic organisms due to pH-shift.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services. This product shall be disposed of or recovered in compliance with Directive 2008/98/EC on waste as lastly amended.

Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.

European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

ACETIC ACID 80% CHEMICALLY PURE**14.1. UN number or ID number**

2790

14.2. UN proper shipping name

ADR : ACETIC ACID SOLUTION
RID : ACETIC ACID SOLUTION
IMDG : ACETIC ACID SOLUTION

14.3. Transport hazard class(es)

ADR-Class : 8
(Labels; Classification Code; Hazard Identification Number; Tunnel restriction code) 8; C3; 80; (E)
RID-Class : 8
(Labels; Classification Code; Hazard Identification Number) 8; C3; 80
IMDG-Class : 8
(Labels; EmS) 8; F-A, S-B

14.4. Packaging group

ADR : II
RID : II
IMDG : II

14.5. Environmental hazards

Environmentally hazardous according to ADR : no
Environmentally hazardous according to RID : no
Marine Pollutant according to IMDG-Code : no

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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Data for the product

EU. REACH, Annex XVII, : Point Nos.: , 3; Listed
Restrictions on
manufacture, placing on
the market and use of
certain dangerous
substances,
1907/2006/EC, as
amended

II

Point Nos.: , 75; Listed

EU. Directive : ; The substance/mixture does not fall under this legislation.
2012/18/EU on major
accident hazards
involving dangerous
substances, Annex I, as
amended

Other regulations : SDS updated according to Regulation (EU) 2020/878

Component:	acetic acid...%	CAS-No. 64-19-7
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EU. Chemicals Subject : ; The substance/mixture does not fall under this legislation.
to Export Notification:
Annex 1, Part 1,
Regulation 649/2012/EU
on export and import of
dangerous chemicals, as
amended

EU. REACH, Annex XVII, : Point Nos.: , 75; Listed
Restrictions on
manufacture, placing on
the market and use of
certain dangerous
substances,
1907/2006/EC, as
amended

Point Nos.: , 40; Listed
Point Nos.: , 3; Listed

EU. Regulation : EC Number: , 200-580-7; Category 1 - Substances authorised
528/2012/EU concerning as food additives according to Regulation (EC) No 1333/2008;
the making available on Concentration to be limited so that each biocidal product does
the market and use of not require classification according to either Directive
biocidal products, Annex 1999/45/EC or Regulation (EC) No 1272/2008.
I: Active substances

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EU. Directive : Qualifying quantity for the application of Lower-tier requirements: 5.000 tonnes; Part 1: Categories of dangerous substances; Flammable liquids, Categories 2 or 3 not covered by P5a and P5b, The information given is valid if the product is stored below the boiling point and at a pressure of 1013 hPa.

Qualifying quantity for the application of Upper-tier requirements: 50.000 tonnes; Part 1: Categories of dangerous substances; Flammable liquids, Categories 2 or 3 not covered by P5a and P5b, The information given is valid if the product is stored below the boiling point and at a pressure of 1013 hPa.

Notification status acetic acid...%:

Regulatory List	Notification	Notification number
AICS	YES	
DSL	YES	
EINECS	YES	200-580-7
ENCS (JP)	YES	(2)-688
IECSC	YES	
INSQ	YES	
ISHL (JP)	YES	(2)-688
JEX (JP)	YES	(2)-688
KECI (KR)	YES	KE-00013
NZIOC	YES	HSR000975
NZIOC	YES	HSR001580
NZIOC	YES	HSR001581
NZIOC	YES	HSR001582
ONT INV	YES	
PHARM (JP)	YES	
PICCS (PH)	YES	
TCSI	YES	
TH INV	YES	2915.21
TH INV	YES	55-1-05132
TSCA	YES	
VN INV	YES	

15.2. Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H226	Flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

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Full text of the Notes referred to under section 3.

Note B Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: "nitric acid ...%". In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Abbreviations and Acronyms

AU AIICL	Australia. Industrial Chemicals Act (AIIC) List
BCF	bioconcentration factor
BOD	biochemical oxygen demand
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	carcinogenic, mutagenic or toxic to reproduction
COD	chemical oxygen demand
DNEL	derived no-effect level
DSL	Canada. Environmental Protection Act, Domestic Substances List
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ENCS (JP)	Japan. Kashin-Hou Law List
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IECSC	China. Inventory of Existing Chemical Substances
INSQ	Mexico. National Inventory of Chemical Substances
ISHL (JP)	Japan. Inventory of Industrial Safety & Health
KECI (KR)	Korea. Existing Chemicals Inventory
LC50	median lethal concentration
LOAEC	lowest observed adverse effect concentration
LOAEL	lowest observed adverse effect level
LOEL	lowest observed effect level
NDSL	Canada. Environmental Protection Act. Non-Domestic Substances List
NLP	no-longer polymer
NOAEC	no observed adverse effect concentration
NOAEL	no observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
NZIOC	New Zealand. Inventory of Chemicals
OECD	Organisation for Economic Cooperation and Development

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OEL	occupational exposure limit
ONT INV	Canada. Ontario Inventory List
PBT	persistent, bioaccumulative and toxic
PHARM (JP)	Japan. Pharmacopoeia Listing
PICCS (PH)	Philippines. Inventory of Chemicals and Chemical Substances
PNEC	predicted no-effect concentration
REACH Auth. No.:	REACH Authorisation Number
REACH AuthAppC. No.	REACH Authorisation Application Consultation Number
UK REACH Auth. No.:	UK REACH Authorisation Number
UK REACH AuthAppC. No.	UK REACH Authorisation Application Consultation Number
UK REACH-Reg.No	UK REACH Registration Number
STOT	specific target organ toxicity
SPM	Synthetic Polymer Microparticles
SVHC	substance of very high concern
TCSI	Taiwan. Existing Chemicals Inventory
TH INV	Thailand. Existing Chemicals Inventory from FDA
TSCA	US. Toxic Substances Control Act
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VN INVL	Vietnam. National Chemical Inventory
vPvB	very persistent and very bioaccumulative

Further information

Key literature references and sources for data	:	Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
Methods used for product classification	:	The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
Hints for trainings	:	The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
Other information	:	The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in

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the text.

|| Indicates updated section.