Path, Patio & Decking Cleaner

Combined safety reference

Concentrate + diluted form | Two original sheets in one document

A Concentrate

Warning
H315: Causes skin irritation.
H319: Causes serious eye irritation.
Source: concentrate SDS, section 2.

B Diluted form

Not classified as hazardous under CLP, according to section 2.
The diluted sheet retains irritation wording elsewhere; see the note on page 2.

Choose the sheet for the product form you are handling. The guide is a reading aid; both complete original SDS documents follow on pages 3-18.

Find a section

Click a page number, or use the PDF bookmarks.

Section	A / Concentrate	B / Diluted
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All page numbers above refer to this combined PDF. Original page numbers are retained within each sheet.

Key actions at a glance

Taken from sections 4, 6, 7, 8 and 13 of the supplied sheets.
Read the relevant full SDS for all precautions and technical details.

First aid

Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin	Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Wash out mouth with water. Get medical advice/attention if you feel unwell.

Handling, storage & spills

Handling Ensure adequate ventilation. Avoid contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.

Storage Keep container tightly closed. Do not stack containers more than two high.

Spills & disposal Do not allow to enter drains, sewers or watercourses. Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

Note on the diluted sheet
Section 2 says it is not classified as hazardous under CLP, while sections 4 and 11 still describe skin and eye irritation. Sections 8 and 9 also include wording marked "Concentrated". These source details are preserved. Ask Algon to clarify which statements apply to the diluted product. Neither sheet gives a dilution ratio.

Supplier contact Algon Ltd: 01772 823370
info@algonorganics.co.uk | Office hours stated in the SDS: 09:00-18:00.

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Algon Path Patio and Decking Cleaner Concentrate
UFI	CNYE-U00M-Y000-7YXW

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

Identified Use(s)	Removes dirt and grime from patios, paths, and other outdoor surfaces.
Uses Advised Against	Not available.

1.3 Details of the supplier of the safety data sheet

Manufacturer	
Company Identification	Algon Ltd
Address of Manufacturer	Unit 3 Ribble Saw Mill, Paley Road, Preston, Lancashire
Postal code	PR1 8LT
Telephone	01772823370
Fax	01772823377
E-mail	info@algonorganics.co.uk
Office hours	09:00 - 18:00
Supplier	
Company Identification	Algon Ltd
Address of Supplier	Unit 3 Ribble Saw Mill, Paley Road, Preston, Lancashire
Postal code	PR1 8LT
Telephone	01772823370
Fax	01772823377
E-mail	info@algonorganics.co.uk
Office hours	09:00 - 18:00

1.4 Emergency telephone number

Emergency Phone No.	01772823370
Contact	Company
National response centre	
Address	NHS Direct
Emergency Phone No.	+44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Skin Irrit. 2 :Causes skin irritation. Eye Irrit. 2 :Causes serious eye irritation.

2.2 Label elements

	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Algon Path Patio and Decking Cleaner Concentrate

Hazard Pictogram(s)



GHS07

Signal Word(s) Warning

Hazard Statement(s) H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary Statement(s) P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

None known.

2.4 Additional Information

Supplied in concentrated form to dilute with water for use.
For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Acetic acid	64-19-7	200-580-7 01-2119475328-30-XXXX	>=10 - <25	Flam. Liq. 3 H226 Skin Corr. 1A H314	GHS02 GHS05

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Acetic acid	64-19-7	Skin Corr. 1A	C>= 90.00 <= 100.00		
		Skin Corr. 1B	C>= 25.00 < 90.00		
		Skin Irrit. 2	C>= 10.00 < 25.00		
		Eye Irrit. 2	C>= 10.00 < 25.00		

Contains no non-classified vPvB substances. Contains no non-classified substances with a Union workplace exposure limit.
For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion Wash out mouth with water. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. Causes skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Do not stack containers more than two high.

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s)

Removes dirt and grime from patios, paths, and other outdoor surfaces.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Acetic acid	64-19-7	10	25	20	50	

Region	Source
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

8.2 Exposure controls

8.2.1. Appropriate engineering controls: Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment: Supplied in concentrated form to dilute with water for use.



Eye Protection: Concentrated : Wear eye protection with side protection (EN ISO 16321-1).



Skin protection: Concentrated : Wear protective clothing and gloves: Impervious gloves.
Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection: Concentrated : Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.



Thermal hazards: Not applicable.

8.2.3. Environmental Exposure Controls: Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear.
Odour	Pungent. Vinegary odour.
Melting point/freezing point	-7 °C
Boiling point or initial boiling point and boiling range	117.9 °C
Flammability	Non-flammable.
Lower and upper explosion limit	Lower and upper explosion limit : 4.0%, 19.9%
Flash Point	60.56 [Closed cup]
Auto-ignition temperature	516 °C
Decomposition Temperature	Not available.
pH	Concentrated : 3.0
Kinematic Viscosity	Kinematic Viscosity : 1.22 cP @ 20 °C
Solubility	Solubility (Water) : Miscible (100%). Solubility (Other) : Not available.

Partition coefficient n-octanol/water (log value)	Log Pow : -0.17 (Acetic acid)
Vapour pressure	20.79 hPa @ 25°C (Acetic acid)
Density and/or relative density	Density (g/ml) : 1.03 g/cm³ - Relative density : Not available.
Relative vapour density	Not available.
Particle characteristics	Not applicable.

9.2 Other information

Auto-flammability	463 °C

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity - Ingestion	Calculation method : Not classified. Low oral toxicity.
Acute toxicity - Skin Contact	Calculation method : Not classified. Low acute toxicity.
Acute toxicity - Inhalation	Calculation method : Not classified. Low acute toxicity.
Skin corrosion/irritation	Calculation method : Causes skin irritation. Acetic acid : Severe irritant to rabbit skin.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation. Acetic acid : Severe irritant to rabbit eyes.
Skin sensitization data	Calculation method : Not classified. It is not a skin sensitiser.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified. There is no evidence of mutagenic potential.
Carcinogenicity	Calculation method : Not classified. No evidence of carcinogenicity.
Reproductive toxicity	Calculation method : Not classified. No evidence of reproductive effects.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

No information on this formulation.

Acetic acid : Readily biodegradable.

12.3 Bioaccumulative potential

No information on this formulation.

Acetic acid : The substance has low potential for bioaccumulation.

12.4 Mobility in soil

Completely miscible with water. The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Endocrine disrupting properties

Does not cause endocrine disruption.

12.7 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site. Do not allow to enter drains, sewers or watercourses.

13.2 Additional Information

Dispose of contents in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

No information available

14.7 Maritime transport in bulk according to IMO instruments

No information available

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation	Not listed
REACH: Annex XIV list of substances subject to authorisation	Not listed
REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Acetic acid (64-19-7) - Entry 3
Community Rolling Action Plan (CoRAP)	Not listed
Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 2024/590 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed
Seveso Directive	None known.

National regulations

Wassergefährdungsklasse (Germany)	WGK number 1 (slightly hazardous to water)

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16

LEGEND

Hazard Pictogram(s)



GHS07

GHS02: GHS: Flame

GHS05: GHS: Corrosion

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3

Skin Corr. 1A : Skin corrosion/irritation, Category 1A

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Hazard Statement(s)

H226: Flammable liquid and vapour.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statement(s)	P264: Wash hands and exposed skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321: Specific treatment (see Medical Advice on this label). P332+P313: If skin irritation occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures DNEL : Derived No Effect Level EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic PNEC : Predicted No Effect Concentration REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative
Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)
Training Advice	Regular safety training as appropriate
Disclaimers	Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Algon Ltd gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Algon Ltd accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Algon Path Patio and Decking Cleaner in diluted form

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

Identified Use(s)	Removes dirt and grime from patios, paths, and other outdoor surfaces.
Uses Advised Against	Not available.

1.3 Details of the supplier of the safety data sheet

Manufacturer	
Company Identification	Algon Ltd
Address of Manufacturer	Unit 3 Ribble Saw Mill, Paley Road, Preston, Lancashire
Postal code	PR1 8LT
Telephone	01772823370
Fax	01772823377
E-mail	info@algonorganics.co.uk
Office hours	09:00 - 18:00
Supplier	
Company Identification	Algon Ltd
Address of Supplier	Unit 3 Ribble Saw Mill, Paley Road, Preston, Lancashire
Postal code	PR1 8LT
Telephone	01772823370
Fax	01772823377
E-mail	info@algonorganics.co.uk
Office hours	09:00 - 18:00

1.4 Emergency telephone number

Emergency Phone No.	01772823370
Contact	Company
National response centre	
Address	NHS Direct
Emergency Phone No.	+44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Not classified as hazardous under CLP.

2.2 Label elements

	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Algon Path Patio and Decking Cleaner in diluted form
Hazard Pictogram(s)	n/a
Signal Word(s)	n/a
Hazard Statement(s)	n/a

Precautionary Statement(s)	n/a

2.3 Other hazards

None known.

2.4 Additional Information

Supplied in concentrated form to dilute with water for use.

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Acetic acid	64-19-7	200-580-7 01-2119475328-30-XXXX	<1-	Flam. Liq. 3 H226 Skin Corr. 1A H314	GHS02 GHS05

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Acetic acid	64-19-7	Skin Corr. 1A	C>= 90.00 <= 100.00		
		Skin Corr. 1B	C>= 25.00 < 90.00		
		Skin Irrit. 2	C>= 10.00 < 25.00		
		Eye Irrit. 2	C>= 10.00 < 25.00		

Contains no non-classified vPvB substances. Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Wash out mouth with water. Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. Causes skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Do not stack containers more than two high.

Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s)

Removes dirt and grime from patios, paths, and other outdoor surfaces.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Acetic acid	64-19-7	10	25	20	50	

Region	Source
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

8.2 Exposure controls

8.2.1. Appropriate engineering controls — Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment	Supplied in concentrated form to dilute with water for use.
 Eye Protection	Concentrated : Wear eye protection with side protection (EN ISO 16321-1).
 Skin protection	Concentrated : Wear protective clothing and gloves: Impervious gloves. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.
 Respiratory protection	Concentrated : Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.
 Thermal hazards	Not applicable.
8.2.3. Environmental Exposure Controls	Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear.
Odour	Pungent. Vinegary odour.
Melting point/freezing point	-7 °C
Boiling point or initial boiling point and boiling range	117.9 °C
Flammability	Non-flammable.
Lower and upper explosion limit	Lower and upper explosion limit : 4.0%, 19.9%
Flash Point	60.56 [Closed cup]
Auto-ignition temperature	516 °C
Decomposition Temperature	Not available.
pH	Concentrated : 3.0
Kinematic Viscosity	Kinematic Viscosity : 1.22 cP @ 20 °C
Solubility	Solubility (Water) : Miscible (100%). Solubility (Other) : Not available.
Partition coefficient n-octanol/water (log value)	Log Pow : -0.17 (Acetic acid)
Vapour pressure	20.79 hPa @ 25°C (Acetic acid)
Density and/or relative density	Density (g/ml) : 1.03 g/cm³ - Relative density : Not available.
Relative vapour density	Not available.
Particle characteristics	Not applicable.

9.2 Other information

Auto-flammability	463 °C

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity - Ingestion	Calculation method : Not classified.
	Low oral toxicity.
Acute toxicity - Skin Contact	Calculation method : Not classified.
	Low acute toxicity.
Acute toxicity - Inhalation	Calculation method : Not classified.
	Low acute toxicity.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
	Acetic acid : Severe irritant to rabbit skin.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
	Acetic acid : Severe irritant to rabbit eyes.
Skin sensitization data	Calculation method : Not classified.
	It is not a skin sensitiser.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
	There is no evidence of mutagenic potential.
Carcinogenicity	Calculation method : Not classified.
	No evidence of carcinogenicity.
Reproductive toxicity	Calculation method : Not classified.
	No evidence of reproductive effects.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

No information on this formulation.

Acetic acid : Readily biodegradable.

12.3 Bioaccumulative potential

No information on this formulation.

Acetic acid : The substance has low potential for bioaccumulation.

12.4 Mobility in soil

Completely miscible with water. The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Endocrine disrupting properties

Does not cause endocrine disruption.

12.7 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site. Do not allow to enter drains, sewers or watercourses.

13.2 Additional Information

Dispose of contents in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

No information available

14.7 Maritime transport in bulk according to IMO instruments

No information available

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation	Not listed
REACH: Annex XIV list of substances subject to authorisation	Not listed
REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Acetic acid (64-19-7) - Entry 3
Community Rolling Action Plan (CoRAP)	Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 2024/590 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed
Seveso Directive	None known.

National regulations

Wassergefährdungsklasse (Germany)	WGK number 1 (slightly hazardous to water)

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16

LEGEND

Hazard Pictogram(s)



GHS07

GHS02: GHS: Flame

GHS05: GHS: Corrosion

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3

Skin Corr. 1A : Skin corrosion/irritation, Category 1A

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

Hazard Statement(s)

H226: Flammable liquid and vapour.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statement(s)

P264: Wash hands and exposed skin thoroughly after handling.

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

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see Medical Advice on this label).

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362+P364: Take off contaminated clothing and wash it before reuse.

Acronyms

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)
Training Advice	Regular safety training as appropriate
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