Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

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

· **1.1 Product identifier**

· **Trade name: Glacial Acetic Acid**

· **Product Code:** 20-5500-10, 20-5500-25
· **CAS Number:**
64-19-7
· **EC number:**
200-580-7
· **Index number:**
607-002-00-6
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
· **Product category**
PC1 Adhesives, sealants
PC3 Air care products
PC4 Anti-Freeze and de-icing products
PC7 Base metals and alloys
PC8 Biocidal products
PC9a Coatings and paints, thinners, paint removers
PC9b Fillers, putties, plasters, modelling clay
PC9c Finger paints
PC12 Fertilisers
PC14 Metal surface treatment products
PC15 Non-metal-surface treatment products
PC18 Ink and toners
PC19 Intermediate
PC20 Processing aids such as pH-regulators, flocculants, precipitants, neutralization agents
PC21 Laboratory chemicals
PC22 Lawn and Garden Preparations, including fertilizers
PC23 Leather treatment products
PC24 Lubricants, greases, release products
PC26 Paper and board treatment products
PC27 Plant protection products
PC28 Perfumes, fragrances
PC29 Pharmaceuticals
PC30 Photo-chemicals
PC31 Polishes and wax blends
PC32 Polymer preparations and compounds
PC33 Semiconductors
PC34 Textile dyes, and impregnating products
PC35 Washing and cleaning products (including solvent based products)
PC37 Water treatment chemicals
PC38 Welding and soldering products, flux products
PC39 Cosmetics, personal care products
PC40 Extraction agents
PC41: Oil and gas exploration or production products
PC0 Other
· **Application of the substance / the mixture**
The product has many industrial, professional and consumer applications.
· **Uses advised against**
Processes involving extreme heat use advised against.
Any use carrying a risk of direct contact with eyes/skin where workers are exposed without adequate personal protective equipment (PPE).
Any use involving aerosol formation or vapour release in excess of the assigned Workplace Exposure Limit where workers are exposed without suitable Respiratory Protective Equipment.

(Contd. on page 2)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 1)

Processes involving the use of incompatible substances - refer to section 10.
The product is strictly intended for industrial or professional use only.

· **1.3 Details of the supplier of the safety data sheet**
· **Supplier:**
Severn Biotech Ltd.
Unit 2,
Park Lane,
Kidderminster,
Worcestershire.
DY11 6TJ
UK
Tel: 0044 1562 825286
Fax: 0044 1562 825284
email: info@severnbiotech.com

· **Further information obtainable from:** Product safety department.
· **1.4 Emergency telephone number:**
Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to GB-CLP**

Flam. Liq. 3	H226 Flammable liquid and vapour.
Met. Corr.1	H290 May be corrosive to metals.
Skin Corr. 1A	H314 Causes severe skin burns and eye damage.
Eye Dam. 1	H318 Causes serious eye damage.

· **2.2 Label elements**
· **Labelling according to GB-CLP** The substance is classified and labelled according to the GB CLP regulation.
· **Hazard pictograms**

GHS02 GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**
Acetic acid
· **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.
P260	Do not breathe mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

(Contd. on page 3)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 2)

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.1 Substances**
· **CAS No. Description**
CAS: 64-19-7 Acetic acid
· **Identification number(s)**
· **EC number:** 200-580-7
· **Index number:** 607-002-00-6

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:**
Immediately remove any clothing soiled by the product.
Corrosive to all bodily tissues - the severity of injury depends on the concentration of the solution and the duration of exposure.
SWIFT ACTION IS ESSENTIAL!
Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Personal protection for the First Aider.
· **After inhalation:**
In case of inhalation:
- Provide fresh air.
- In case of breathing difficulties administer oxygen.
- No mouth-to-mouth or mouth-to-nose resuscitation. Use respiratory bag or oxygen resuscitation apparatus.
- Do not leave patient unattended.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:**
Remove contaminated shoes, socks and clothing whilst washing the affected skin with running water for 5 minutes.
Chemical burns must be treated promptly by a physician.
If skin irritation continues, consult a doctor.
· **After eye contact:**
Check for and remove any contact lenses.
Irrigate eyes for at least 15 minutes with copious quantities of water, keeping eyelids apart and away from eyeballs during irrigation.
Seek immediate medical advice.
· **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
· **Information for doctor:** Treat symptomatically and supportively.
· **4.2 Most important symptoms and effects, both acute and delayed** Corrosive damage to gastro-intestinal tract.

(Contd. on page 4)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 3)

· **Hazards** Danger of pulmonary oedema.
· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
· **For safety reasons unsuitable extinguishing agents:** Water with full jet
· **5.2 Special hazards arising from the substance or mixture**
Corrosive liquid.
Vapours are heavier than air and may travel a long distance and accumulate in low lying areas. Ignition and/or flash back may occur.
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide
Hydrocarbons
In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
Flammable. Vapours may travel to source of ignition and flash back.
· **5.3 Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
Do not inhale explosion gases or combustion gases.
Decontaminate protective clothing prior to removal.
· **Additional information**
Absorb gas/vapours with water spray.
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Depending on wind direction, warn people of danger of inhalation, close doors and windows and get ventilation stopped. Approach from upwind.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.
Keep ignition sources away - no smoking.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Vapours are heavier than air. They can spread along the ground and collect in confined spaces.
Consult an expert in the event of a large spillage.
· **6.2 Environmental precautions:**
Do not allow to penetrate the ground/soil.
Do not allow product to reach sewage system or any water course in the undiluted form.
Inform respective authorities in case of seepage into water course or sewage system.
· **6.3 Methods and material for containment and cleaning up:**
Contain and collect spillage with non-combustible, absorbent material e.g.sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

(Contd. on page 5)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 4)

Lime slurry can be used to neutralize material (e.g. 10 - 50% potassium carbonate solution or 10 - 30% sodium carbonate solution).
Ensure adequate ventilation.
Contaminated absorbent material may pose the same hazard as the spilt product.
Use spark-proof tools and explosion-proof equipment.
Wash the area with plenty of water.

· **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
Welding and other hot work operations in the work area must only be permitted under supervision.
The product must only be handled by authorised, trained and experienced professionals under strictly controlled conditions.
Safety showers and eye wash facilities should be available at the work area.
Conduct maintenance and other work on or in storage/reactor/mixing vessels or closed spaces ONLY under strict Permit to Work conditions.
Inspect the electrical fittings regularly against the risk of corrosion.
Ensure good ventilation/exhaustion at the workplace.
Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.
Vapour is heavier than air. Beware of accumulation in pits and confined spaces.

· **Information about fire - and explosion protection:**
Ground and bond containers when transferring material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Use plant, equipment and protective systems intended for use in potentially explosive atmospheres.
Fumes can combine with air to form an explosive mixture.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Prevent any seepage into the ground.
Store only in the original receptacle.
· **Information about storage in one common storage facility:**
Store away from metals.
Store away from oxidising agents.
Do not store together with alkalis (caustic solutions).
· **Further information about storage conditions:**
Protect from frost.
Store in a bunded area.
Store in cool, dry conditions in well sealed receptacles.
· **Storage class:** 3
· **7.3 Specific end use(s)** No further relevant information available.

(Contd. on page 6)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 5)

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
CAS: 64-19-7 Acetic acid	
WEL	Short-term value: 50 mg/m³, 20 ppm Long-term value: 25 mg/m³, 10 ppm

· **DNELs**		
CAS: 64-19-7 Acetic acid		
Inhalative	Long-term local effects	25 mg/m³ (general population)
		25 mg/m³ (worker)
	Short-term local effects	25 mg/m³ (general population)
		25 mg/m³ (worker)

· **PNECs**	
CAS: 64-19-7 Acetic acid	
Freshwater	3.058 mg/L
Freshwater - Intermittent releases	30.58 mg/L
Marine water	305.8 µg/L
Sewage Treatment Plant	85 mg/L
Sediment (freshwater)	11.36 mg/kg
Sediment (marine water)	1.136 mg/kg
Soil	470 µg/kg

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Take note of assigned Workplace Exposure Limits.
Do not eat, drink, smoke or sniff while working.
Ensure that washing facilities are available at the work place.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
A safe system of work must be formulated and followed to ensure safe working with this product. Relevant workers must receive suitable and sufficient training and supervision.
Ensure that eyewash stations and safety showers are close to the workstation location.
· **Respiratory protection:**
Use suitable respiratory protective device in case of insufficient ventilation.
Filter type ABEK
Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

(Contd. on page 7)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 6)

· **Hand protection**

Protective gloves.
Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**
Butyl rubber, BR
Fluorocarbon rubber (Viton)
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**
Break-through time: >480 minutes
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**

Face shield/visor.
Use equipment tested and approved under appropriate government stangards such as EN166 (EU) or NIOSH (US)

Tightly sealed goggles conforming to EN166.

Use visor in combination with goggles.

· **Body protection:**

Acid resistant protective clothing

Do not get on skin or clothing. Wear clothing and footwear that cannot be penetrated by the product. Suitable protective equipment may include: Chemical resistant boots, Chemical resistant apron, Full chemical protective suit with a hood, Chemical protective suit consisting of a jacket and trousers. The jacket should be buttoned up to the neck, sleeves sealed at the gloves, and trouser legs worn outside the boots. These precautions are required to prevent the clothing from accidentally trapping product against the skin.

· **Environmental exposure controls** Do not let product enter drains. Risk of explosion.

· **Risk management measures**
The operators shall be instructed adequately.
The workplace shall be inspected regularly by competent personnel e.g. the safety representative.

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Physical state**	Liquid
· **Colour:**	Clear
· **Odour:**	Pungent
· **Odour threshold:**	1 - 5ppm

(Contd. on page 8)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 7)

· **Melting point/freezing point:**	16.6 °C
· **Boiling point or initial boiling point and boiling range**	118 °C
· **Lower and upper explosion limit**	
· **Lower:**	4 Vol %
· **Upper:**	17 Vol %
· **Flash point:**	40 °C
· **Auto-ignition temperature:**	485 °C
· **pH at 20 °C**	2
· **Viscosity:**	
· **Dynamic at 20 °C:**	1.22 mPas
· **Solubility**	
· **water:**	Fully miscible.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure at 20 °C:**	16 hPa
· **Density and/or relative density**	
· **Density at 20 °C:**	1.05 g/cm³
· **9.2 Other information**	NOTE: The physical data presented above are typical values and should not be construed as a specification.
· **Appearance:**	
· **Form:**	Fluid
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not self-igniting.
· **Explosive properties:**	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· **Solvent content:**	
· **VOC (EC)**	99.00 %
· **Molecular weight**	60.05 g/mol
· **Information with regard to physical hazard classes**	
· **Explosives**	Not applicable
· **Flammable gases**	Not applicable
· **Aerosols**	Not applicable
· **Oxidising gases**	Not applicable
· **Gases under pressure**	Not applicable
· **Flammable liquids**	Flammable liquid and vapour.
· **Flammable solids**	Not applicable
· **Self-reactive substances and mixtures**	Not applicable
· **Pyrophoric liquids**	Not applicable
· **Pyrophoric solids**	Not applicable
· **Self-heating substances and mixtures**	Not applicable
· **Substances and mixtures, which emit flammable gases in contact with water**	Not applicable
· **Oxidising liquids**	Not applicable
· **Oxidising solids**	Not applicable
· **Organic peroxides**	Not applicable
· **Corrosive to metals**	May be corrosive to metals.
· **Desensitised explosives**	Not applicable

(Contd. on page 9)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 8)

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
At elevated temperatures, explosive vapour/air mixtures may be formed.
· **10.3 Possibility of hazardous reactions**
Reacts with metals forming hydrogen.
Reacts violently with oxidising agents.
Reacts with alkali (lyes).
Risk of explosion in contact with:
Nitric acid
Peroxides
Strong oxidising agents
· **10.4 Conditions to avoid** Heat and static discharge.
· **10.5 Incompatible materials:**
Finely powdered metals.
Strong oxidising agents.
Strong bases.
Substances specifically listed in section 10.3 as incompatible.
· **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Hydrocarbons

SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**		
CAS: 64-19-7 Acetic acid		
Inhalative	LC50/4 h	40 mg/l (rat)

· **Primary irritant effect:**
· **Skin corrosion/irritation**
Causes severe skin burns and eye damage.
· **Serious eye damage/irritation**
Causes serious eye damage.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity** Based on available data, the classification criteria are not met.
· **Reproductive toxicity** Based on available data, the classification criteria are not met.
· **STOT-single exposure** Based on available data, the classification criteria are not met.
· **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.
· **Additional toxicological information:**
ROUTES OF EXPOSURE: Can be absorbed into the body by inhalation and by ingestion.
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach.
Inhalation may cause lung oedema, but only after initial corrosive effects on eyes and/or airways have become manifest. The symptoms of lung oedema often do not become manifest until a few hours have passed and they are aggravated by physical effort. Rest and medical observation are therefore essential. Immediate administration of an appropriate inhalation therapy by a doctor or a person authorized by him/her, should be considered.

(Contd. on page 10)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 9)

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**
None of the ingredients are listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
CAS: 64-19-7 Acetic acid	
LC50 (96 h)	> 300.82 mg/l (Daphnia)
	> 300.82 mg/l (Fish)
EC50 (72 h)	300.82 mg/l (Algae)

· **12.2 Persistence and degradability** Readily biodegradable
· **12.3 Bioaccumulative potential** Product is not expected to bioaccumulate.
· **12.4 Mobility in soil** No further relevant information available.
· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
· **12.7 Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Recommended Hierarchy of Controls:
- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Contact waste processors for recycling information.
Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.
Do not mix with other waste streams.

· **Uncleaned packaging:**
· **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Disposal must be made according to official regulations.
Container remains hazardous when empty. Continue to observe all precautions.
Containers, even those that are “empty,” may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

(Contd. on page 11)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 10)

· **Recommended cleansing agents:** Large quantities of water

*
SECTION 14: Transport information

· **14.1 UN number or ID number**	
· **ADR/RID/ADN, IMDG, IATA**	UN2789
· **14.2 UN proper shipping name**	
· **ADR/RID/ADN**	UN2789 ACETIC ACID, GLACIAL
· **IMDG, IATA**	ACETIC ACID, GLACIAL
· **14.3 Transport hazard class(es)**	
· **ADR/RID/ADN**	
	
· **Class**	8 (CF1) Corrosive substances.
· **Label**	8+3
· **IMDG**	
	
· **Class**	8 Corrosive substances.
· **Label**	8/3
· **IATA**	
	
· **Class**	8 Corrosive substances.
· **Label**	8 (3)
· **14.4 Packing group**	
· **ADR/RID/ADN, IMDG, IATA**	II
· **14.5 Environmental hazards:**	
· **Marine pollutant:**	No
· **14.6 Special precautions for user**	Warning: Corrosive substances.
· **Hazard identification number (Kemler code):**	83
· **Hazchem Code:**	•2P
· **EMS Number:**	F-E,S-C
· **Segregation groups**	(SGG1) Acids
· **Stowage Category**	A
· **Segregation Code**	SG36 Stow "separated from" SGG18-alkalis. SG49 Stow "separated from" SGG6-cyanides

(Contd. on page 12)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 11)

· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
· **Transport/Additional information:**	
· **ADR/RID/ADN**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **Transport category**	2
· **Tunnel restriction code**	D/E
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **UN "Model Regulation":**	UN 2789 ACETIC ACID, GLACIAL, 8 (3), II

SECTION 15: Regulatory information

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

· **Regulated explosives precursors**
None of the ingredients are listed.

· **Regulated poisons**
None of the ingredients are listed.

· **Reportable explosives precursors**
None of the ingredients are listed.

· **Reportable poisons**
None of the ingredients are listed.

· **Control Of Major Accident Hazards Regulations 2015 (COMAH)**
· **Named dangerous substances - ANNEX I** Substance is not listed.
· **COMAH category** P5c
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

(Contd. on page 13)

Safety Data Sheet
according to UK REACH (SI 2020/1577) as amended

Printing date 17.09.2025 Version number 9 Revision: 17.09.2025

Trade name: Glacial Acetic Acid

(Contd. of page 12)

· **Training hints**
This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

· **Department issuing SDS:** Product safety department.
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Met. Corr.1: Corrosive to metals – Category 1
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
· *** Data compared to the previous version altered.**