

Vickers Laboratories Ltd - SAFETY DATA SHEET - 1569

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

1.1 Product identifier

Product Name: L-ASCORBIC ACID pure
Product Part Number: 1569
CAS Number: 50-81-7
EC Number: 200-066-2
REACH Registration Number: This product is either exempt from REACH or does not meet the minimum volume threshold for a chemical safety assessment (CSA)
UFI: Not applicable

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

Use of the substance/
mixture: Reagent
Use of the substance/
mixture: For industrial use only

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Vickers Laboratories Ltd
Address of Supplier: Grangefield Industrial Estate
Richardshaw Road
Pudsey
West Yorkshire
LS28 6QW
UNITED KINGDOM



Telephone: +44 (0)113 236 2811
Email: safety@viclabs.co.uk

1.4 Emergency telephone number

Emergency Telephone: +44 (0)113 236 2811 (Mon-Fri 08:00-16:30 (UK))
112 (24hr)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

CLP: Not classified

2.2 Label elements

Signal Word: Not applicable

Hazard statements

Not applicable

Precautionary statements

Not applicable

2.3 Other hazards

None.

SECTION 3: Composition/information on ingredients

3.2 Substances

L-Ascorbic Acid
CAS Number: 50-81-7
EC Number: 200-066-2
Concentration: 100%
Specific Concentration Limits: N/A
M factor: Not applicable
Acute toxicity estimate: Not applicable

Vickers Laboratories Ltd - SAFETY DATA SHEET - 1569

SECTION 3: Composition/information on ingredients

Categories: Not classified as hazardous for users

SECTION 4: First aid measures

4.1 Description of first aid measures

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Contact with skin

Wash affected area with plenty of water.

Inhalation

Remove patient to fresh air.

Ingestion

Rinse mouth with water (do not swallow). If exposed or concerned, get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Not applicable.

5.3 Advice for firefighters

No special precautions are required for this product.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid raising dust. Wear protective clothing as per section 8. Avoid contact with skin and eyes.

6.2 Environmental precautions

No special precautions are required for this product.

6.3 Methods and material for containment and cleaning up

Sweep or shovel-up spillage and remove to a safe place. Wash to waste with plenty of water. To clean the floor and all objects contaminated by this material use water.

6.4 Reference to other sections

See Section 8.2.

See Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear protective clothing as per section 8. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Vickers Laboratories Ltd - SAFETY DATA SHEET - 1569

SECTION 7: Handling and storage

Keep in a cool, dry, well ventilated place.

7.3 Specific end use(s)

See Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Not classified as hazardous for users

8.2 Exposure controls



Gloves



Goggles



Suit

No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask. Wear neoprene or nitrile gloves. Wear goggles giving complete eye protection. Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	solid
Colour:	white
Odour:	None
Melting point/Range:	191 °C at 760 mm /Hg
Boiling Point/Range:	No information available
Flammability:	Non-flammable
Explosive Properties:	Non-explosive
Flashpoint:	not applicable
Autoflammability:	not applicable
Decomposition temperature:	No information available
pH:	2 at 20 °C
Kinematic viscosity:	Not applicable
Solubility in water:	330 g/l
Partition Coefficient (n-Octanol/Water):	Log Pow - not known
Vapour Pressure:	not applicable
Density:	Density (water=1): 1.65
Relative vapour density:	No information available
Particle characteristics:	crystals powder
Oxidising Properties:	None

9.2 Other information

No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Considered stable under normal conditions.

Vickers Laboratories Ltd - SAFETY DATA SHEET - 1569

SECTION 10: Stability and reactivity

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

No special precautions are required for this product.

10.5 Incompatible materials

Incompatible with strong oxidizing substances. Avoid contact with metals.

10.6 Hazardous decomposition products

Decomposition products may include carbon oxides.

SECTION 11: Toxicological information

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

Acute toxicity

LD50 (oral) :	11900 mg/kg
Estimated LD50 (dermal) (ATE) :	>4000 mg/kg
Estimated LC50 (inhalational) (ATE) :	>5 mg/l/4hr (dust/mist)

Skin corrosion/irritation

Not hazardous.

Serious eye damage/irritation

Irritant by mechanical action.

Respiratory or skin sensitisation

Not applicable.

Germ cell mutagenicity

No evidence of mutagenic effects.

Carcinogenicity

No evidence of carcinogenic effects.

Reproductive toxicity

No evidence of reproductive effects.

STOT (specific target organ toxicity) - single exposure

No information available.

STOT (specific target organ toxicity) - repeated exposure

No information available.

Aspiration hazard

Not applicable.

11.2 Information on other hazards

Prolonged exposure may cause abrasive irritation of the eyes, skin and mucous membranes. The product does not contain $\geq 0.1\%$ ingredients with endocrine-disrupting properties, or having ingredients with properties disrupting the functioning of the endocrine system, in the list established in accordance with the criteria set out in Art. 59 sec. 1 of Regulation 2017/2100/EU or Regulation 2018/605/EU.

SECTION 12: Ecological information

12.1 Toxicity

On available data, substance is not harmful to aquatic life.

12.2 Persistence and degradability

Vickers Laboratories Ltd - SAFETY DATA SHEET - 1569

SECTION 12: Ecological information

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

soluble in water.

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII.

12.6 Endocrine disrupting properties

The product does not contain $\geq 0.1\%$ ingredients with endocrine-disrupting properties, or having ingredients with properties disrupting the functioning of the endocrine system, in the list established in accordance with the criteria set out in Art. 59 sec. 1 of Regulation 2017/2100/EU or Regulation 2018/605/EU.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Triple rinse drums prior to recycling or disposal.

SECTION 14: Transport information

14.1 UN number or ID number

Not classified as hazardous for transport

14.2 UN proper shipping name

None

14.3 Transport hazard class(es)

None

14.4 Packing group

None

14.5 Environmental hazards

See Section 12.

14.6 Special precautions for user

None

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Water Hazard Class (Company): Not hazardous

15.2 Chemical safety assessment

A chemical safety assessment is not required under REACH.

SECTION 16: Other information

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-

None

Other information

This Safety Data Sheet does not constitute a workplace risk assessment. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties.

This Safety Data Sheet is provided in compliance with regulation EC 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720 & UK SI 2020/1567.

Datasheet Number: 3185 - v1.2.0

Revised: 20 May 2026

Date reviewed 20 May 2026