

# Safety Data Sheet

according to UK REACH Regulation

## L-Ascorbic acid

Revision date: 29.08.2022

Product code: PEDP-0107-V7

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

#### 1.1. Product identifier

L-Ascorbic acid

CAS No: 50-81-7

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

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

Company name:	ABX advanced biochemical compounds Biomedizinische Forschungsreagenzien GmbH	
Street:	Heinrich-Gläser-Straße 10-14	
Place:	01454 Radeberg	
Telephone:	+49 3528 4041 60	Telefax: +49 3528 4041 65
e-mail:	info@abx.de	
Contact person:	Dr. Christoph Meyer	Telephone: +49 3528 4041 8732
e-mail:	meyer@abx.de	
Internet:	http://www.abx.de	

#### 1.4. Emergency telephone number:

+49 3528 4041 60

### SECTION 2: Hazards identification

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

##### GB CLP Regulation

This substance is not classified as hazardous in accordance with GB CLP Regulation.

#### 2.2. Label elements

#### 2.3. Other hazards

No risks worthy of mention.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Molecular weight: 176.13

#### Hazardous components

none (according to UK REACH Regulation)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

##### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

##### After ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps.  
Rinse mouth thoroughly with water.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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### Suitable extinguishing media

Water. Foam. Extinguishing powder. Dry extinguishing powder. Co-ordinate fire-fighting measures to the fire surroundings.

### 5.3. Advice for firefighters

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### General advice

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Suppress gases/vapours/mists with water spray jet.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on general occupational hygiene

Do not eat, drink, smoke or sneeze at the workplace.

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

#### Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

#### Further information on storage conditions

Storage up to °C: +30

Protect against: Light.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls

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

##### Eye/face protection

Tightly sealed safety glasses.

##### Hand protection

Single-use gloves. Wash hands before breaks and after work. Protect skin by using skin protective cream.

##### Skin protection

Wash contaminated clothing prior to re-use.

##### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

## SECTION 9: Physical and chemical properties

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

Physical state:	solid
Colour:	white
Odour:	odourless

#### Changes in the physical state

Water solubility: easily soluble.

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Density (at 20 °C):

1,65 g/cm<sup>3</sup>**SECTION 10: Stability and reactivity****10.6. Hazardous decomposition products**

Carbon dioxide. Carbon monoxide.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****SECTION 12: Ecological information****12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of UK REACH.

**12.6. Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

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

Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Other applicable information**

Not a hazardous material with respect to these transportation regulations.

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

Water hazard class (D):

1 - slightly hazardous to water

**SECTION 16: Other information**