# Safety Data Sheet

according to UK REACH Regulation

	L-Ascorbic acid			
Revision date: 17.08.2022	Product code: DP-102-V8		Page 1 of 3	
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	+49 3528 4041 60			
number:				

### **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 absorbtion 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: Colour:	solid white
Odour:	odourless
Changes in the physical state	

Water solubility:

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1,65 g/cm³	
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# 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**