# Safety Data Sheet

### according to UK REACH Regulation

## 0.2 M Hydrochloric acid

Revision date: 01.11.2022

Product code: PE-SC-11-R-V3

Page 1 of 3

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

### 1.1. Product identifier

0.2 M Hydrochloric acid

## 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: e-mail:	+49 3528 4041 60 info@abx.de	Telefax:+49 3528 4041 65		
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 mixture is not classified as hazardous in accordance with GB CLP Regulation.

## 2.2. Label elements

### **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

### Hazardous components

none (according to UK REACH Regulation)

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air.

#### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

If swallowed, immediately drink: Water.

### **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

## Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

# Safety Data Sheet

according to UK REACH Regulation

# 0.2 M Hydrochloric acid

Revision date: 01.11.2022

Product code: PE-SC-11-R-V3

Page 2 of 3

### Additional information

Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

## **SECTION 6: Accidental release measures**

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

### **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

### Advice on general occupational hygiene

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

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

# Requirements for storage rooms and vessels

Keep container tightly closed.

### Further information on storage conditions Maximum storage temperature: +30 °C

Protect against: Light.

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
7647-01-0	Hydrogen chloride (gas and aerosol mists)	1	2		TWA (8 h)	WEL
		5	8		STEL (15 min)	WEL

### 8.2. Exposure controls

## **SECTION 9: Physical and chemical properties**

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

Physical state:	liquid
Colour:	colourless

### Changes in the physical state

Water solubility:

### **SECTION 10: Stability and reactivity**

## **SECTION 11: Toxicological information**

## 11.1. Information on hazard classes as defined in GB CLP Regulation

# Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

highly soluble.

# Safety Data Sheet

according to UK REACH Regulation

# 0.2 M Hydrochloric acid

Revision date: 01.11.2022

Product code: PE-SC-11-R-V3

Page 3 of 3

## **SECTION 12: Ecological information**

## 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### **Further information**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

### **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

### **Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

### Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

## SECTION 14: Transport information

### Other applicable information

No dangerous good in sense of these transport 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):

- - non-hazardous to water

## **SECTION 16: Other information**

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)