

# Safety Data Sheet

according to UK REACH Regulation

## Phosphate buffered saline

Revision date: 20.01.2023

Product code: PESC-0102-R-V3

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

#### 1.1. Product identifier

Phosphate buffered saline

#### 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<br>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 mixture is not classified as hazardous in accordance with GB CLP Regulation.

This preparation does not contain harmful substances and/or substances hazardous to the environment in accordance with the substance directive 67/548/EC or substances to which occupational exposure limit values are allocated.

#### 2.2. Label elements

##### **GB CLP Regulation**

##### **Precautionary statements**

P262 Do not get in eyes, on skin, or on clothing.

### 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.

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### 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.

#### 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

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

##### General advice

Provide adequate ventilation.

#### 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

##### Additional advice on limit values

To date, no national critical limit values exist.

#### 8.2. Exposure controls

### SECTION 9: Physical and chemical properties

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

|   |            |                        |
|---|------------|------------------------|
| Physical state:   | liquid     |                        |
| Colour:   | colourless |                        |
| Boiling point or initial boiling point and boiling range: |            | 100 °C                 |
| Density (at 20 °C):                                       |            | 0,79 g/cm <sup>3</sup> |

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### 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).

### 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): 1 - slightly 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.)*