Telefax: +49 3528 4041 65

# **Safety Data Sheet**

according to UK REACH Regulation

#### **Sodium Ascorbate**

Revision date: 22.09.2021 Product code: PS-102-V8 Page 1 of 3

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

#### 1.1. Product identifier

Sodium Ascorbate

#### Further trade names

Sodium (2R)-2-[(1S)-1,2-dihydroxyethyl]-4-hydroxy-5-oxo-2H-furan-3-olate, Sodascorbate; Monosodium

ascorbate; E301

CAS No: 134-03-2

### 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

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

### **GB CLP Regulation**

### **Precautionary statements**

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

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

### 3.1. Substances

Sum formula: C6H7NaO6 Molecular weight: 198,11

# **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.

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#### 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.

#### Additional information

Use water spray jet to protect personnel and to cool endangered containers. 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

Take up dust-free and set down dust-free.

# **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

# Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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

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

Physical state: solid

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Colour: white Odour: odourless

Changes in the physical state

Softening point: 220 °C Water solubility: easily soluble.

Solubility in other solvents

Ethanol

# **SECTION 10: Stability and reactivity**

# **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**

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**