

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Buffer pH 7\_1001389-791437-506253-506258-150536

Revision date: 07.10.2021

Product code: 506258

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

#### 1.1. Product identifier

Buffer pH 7\_1001389-791437-506253-506258-150536

#### **Further trade names**

1001389; 791437; 506253; 150536

Product group: Eigenproduktion

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

#### **Use of the substance/mixture**

Buffer solution

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

Company name:	ProMinent GmbH	
	Heidelberg	
Street:	Im Schuhmachergewann 5-11	
Place:	D-69123 Heidelberg	
Telephone:	+49 6221 842 -0	
Contact person:	Sabine Baumann	Telephone: -720
e-mail:	baumann.sabine@prominent.com	
Internet:	www.prominent.com	
Responsible Department:	Product Safety/Produktsicherheit	

#### 1.4. Emergency telephone number:

Giftnotruf Berlin +49 (0)30 - 19240

### SECTION 2: Hazards identification

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

#### **Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

#### 2.2. Label elements

#### **Additional advice on labelling**

Identification is not obligatory. Please observe the information on the safety data sheet at all times.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

#### **Chemical characterization**

Buffer solution

phosphates &lt;1%

Water content &gt;99%

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### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
7732-18-5	water			95 - <= 100 %
	213-791-2			
7558-79-4	Disodium hydrogen phosphate			< 1 %
	231-448-7			
7778-77-0	Potassium dihydrogen phosphate			< 1 %

Full text of H and EUH statements: see section 16.

### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
7558-79-4	231-448-7	Disodium hydrogen phosphate	< 1 %
	oral: LD50 = 17000 mg/kg		

### Further Information

No risks worthy of mention.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

none

#### After inhalation

none

#### After contact with skin

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

#### 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

If swallowed, immediately drink: Water.

### 4.2. Most important symptoms and effects, both acute and delayed

none

### 4.3. Indication of any immediate medical attention and special treatment needed

none

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

### 5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

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**5.3. Advice for firefighters**

none

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General measures**

none

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on protection against fire and explosion**

none

**Further information on handling**

none

**7.2. Conditions for safe storage, including any incompatibilities****Hints on joint storage**

none

**Further information on storage conditions**

none

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

none

**8.2. Exposure controls****Protective and hygiene measures**

none

**Eye/face protection**

none

**Hand protection**

none

**Respiratory protection**

none

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	green
Odour:	odourless
pH-Value (at 20 °C):	7

**Changes in the physical state**

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**SECTION 10: Stability and reactivity****10.1. Reactivity**

No risks worthy of mention.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No risks worthy of mention.

**10.4. Conditions to avoid**

frost.

Keep away from heat.

**10.5. Incompatible materials**

none

**10.6. Hazardous decomposition products**

none

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
7558-79 -4	Disodium hydrogen phosphate				
	oral	LD50 mg/kg	17000	Rat.	

**Specific effects in experiment on an animal**

Dinatriumhydrogenphosphat LD50 : 12930 mg/kg (Rat )

**SECTION 12: Ecological information****12.1. Toxicity**

No risks worthy of mention.

**12.2. Persistence and degradability**

No risks worthy of mention.

**12.3. Bioaccumulative potential**

No risks worthy of mention.

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No data available

**12.7. Other adverse effects**

No data available

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

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### Disposal recommendations

Dispose of waste according to applicable legislation.

### List of Wastes Code - residues/unused products

060314 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the MFSU of salts and their solutions and metallic oxides; solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

### List of Wastes Code - used product

060314 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the MFSU of salts and their solutions and metallic oxides; solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

### List of Wastes Code - contaminated packaging

060134

### Contaminated packaging

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### Land transport (ADR/RID)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

**14.1. UN number:** No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

**14.1. UN number:** No dangerous good in sense of this transport regulation.  
Segregation group: acids

### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** No dangerous good in sense of this transport regulation.

### Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

## 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

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 1,3,15.

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**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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