

# Palintest

Water Analysis Technologies

## SAFETY DATA SHEET pH 7 BUFFER TABLETS

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

#### 1.1. Product identifier

Product name	pH 7 BUFFER TABLETS
Product number	SK400, SK500, PT105/5, PT105/6, SL170, SP301, PT105/8
UFI	UFI: Y7A0-30SF-300G-4XFR

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

Identified uses	FOR PREPARATION OF BUFFER SOLUTION OF KNOWN pH
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	PALINTEST LIMITED PALINTEST HOUSE TEAM VALLEY GATESHEAD TYNE & WEAR NE11 0NS ENGLAND TEL 0191 491 0808 FAX 0191 482 5372 palintest@palintest.com
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#### 1.4. Emergency telephone number

Emergency telephone	+44 (0)207 858 1228 (24hr)
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National emergency telephone number NHS Direct: 0845 4647 (England and Wales) NHS 24: 08454 24 24 24 (Scotland)

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.

## pH 7 BUFFER TABLETS

**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>DI-SODIUM HYDROGEN PHOSPHATE</b>	<b>20-30%</b>
CAS number: 10028-24-7	EC number: 231-448-7
	REACH registration number: N/A

#### Classification

Eye Irrit. 2 - H319

<b>TALC</b>	<b>5-10%</b>
CAS number: 14807-96-6	EC number: 238-877-9
	REACH registration number: N/A

#### Classification

Not Classified

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air at once. Get medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Irritation of nose, throat and airway.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Skin irritation.
<b>Eye contact</b>	May cause severe eye irritation.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

## pH 7 BUFFER TABLETS

### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

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

**Hazardous combustion products** No known hazardous decomposition products.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment.

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

**Methods for cleaning up** Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Good personal hygiene procedures should be implemented. Avoid inhalation of dust and contact with skin and eyes.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### TALC

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup> respirable dust  
WEL = Workplace Exposure Limit.

**Ingredient comments** OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit. ACGIH = US Standard.

### 8.2. Exposure controls

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### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

### Hand protection

Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and chemical properties

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

Appearance	Solid
Colour	PEACH
Odour	No characteristic odour.

### 9.2. Other information

Other information	No data available.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No data available.
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### 10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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### 10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	No data available.
<b>Other health effects</b>	Causes serious eye irritation.
<b><u>Acute toxicity - oral</u></b>	
<b>Summary</b>	No data available.
<b><u>Acute toxicity - dermal</u></b>	
<b>Summary</b>	Causes serious eye irritation.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Summary</b>	No data available.
<b><u>Skin corrosion/irritation</u></b>	
<b>Summary</b>	No data available.
<b><u>Serious eye damage/irritation</u></b>	
<b>Summary</b>	Causes serious eye irritation.
<b>Inhalation</b>	No data available.
<b>Ingestion</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Eye contact</b>	Causes serious eye irritation.

## SECTION 12: Ecological information

**Ecotoxicity** Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

**Toxicity** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## pH 7 BUFFER TABLETS

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### 15.2. Chemical safety assessment

No data available.

### SECTION 16: Other information

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Issued by** L. Morgan

**Revision date** 22/12/2020

**Revision** 9

**Supersedes date** 16/09/2019

**SDS status** Approved.

**Hazard statements in full** H319 Causes serious eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.