

# Palintest®

## SAFETY DATA SHEET TOTAL ALKALINITY

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

#### 1.1. Product identifier

Product name	TOTAL ALKALINITY
Product number	AD-0726, AS 072, PK 072, AD-0722, SP 129, SP 315, SP 316, SKH 129, SKH 129C, SP 130, SP 129C
Internal identification	X-072

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

Identified uses	Testing water
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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

Physical hazards	Not Classified
Health hazards	Skin Corr. 1B - H314 Eye Dam. 1 - H318
Environmental hazards	Not Classified

#### 2.2. Label elements

##### Pictogram



Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage.

## TOTAL ALKALINITY

<b>Precautionary statements</b>	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P501 Dispose of contents/container in accordance with local regulations.</p>
<b>Contains</b>	POTASSIUM HYDROGENSULPHATE
<b>Supplementary precautionary statements</b>	<p>P260 Do not breathe vapour/spray.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P310 Immediately call a POISON CENTER/doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P405 Store locked up.</p>

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>MICROCRYSTALLINE CELLULOSE</b>		<b>60-80%</b>
CAS number: 9004-34-6	EC number: 232-674-9	REACH registration number: N/A
<b>Classification</b> Not Classified		
<b>POTASSIUM HYDROGENSULPHATE</b>		<b>5-10%</b>
CAS number: 7646-93-7	EC number: 231-594-1	REACH registration number: N/A
<b>Classification</b> Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335		
<b>TALC</b>		<b>&lt;5.5%</b>
CAS number: 14807-96-6	EC number: 238-877-9	REACH registration number: N/A
<b>Classification</b> Not Classified		
<b>SODIUM METABISULPHITE</b>		<b>&lt;1%</b>
CAS number: 7681-57-4	EC number: 231-673-0	REACH registration number: 01-2119531326-45-XXXX
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318		

## TOTAL ALKALINITY

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

**Composition comments**      The data shown are in accordance with the latest EC Directives.

### 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

**Notes for the doctor**      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 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

## TOTAL ALKALINITY

**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

#### MICROCRYSTALLINE CELLULOSE

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust  
 Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust  
 Short-term exposure limit (15-minute): WEL 20 mg/m<sup>3</sup> inhalable dust

#### TALC

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

#### SODIUM METABISULPHITE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments** Due to the hazardous nature of ingredients, exposure should be minimal.

### 8.2. Exposure controls

#### 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.

## TOTAL ALKALINITY

<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Solid
<b>Colour</b>	Pink.
<b>Odour</b>	No characteristic odour.

#### 9.2. Other information

<b>Other information</b>	No data available.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

<b>Stability</b>	Stable under the prescribed storage conditions.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No data available.
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#### 10.4. Conditions to avoid

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

<b>Materials to avoid</b>	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

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	No data available.
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### SECTION 12: Ecological Information

<b>Ecotoxicity</b>	There are no data on the ecotoxicity of this product. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.
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#### 12.1. Toxicity

<b>Toxicity</b>	No data available.
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## TOTAL ALKALINITY

### 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.

## SECTION 14: Transport information

**General** This product is only classed as hazardous (excepted or limited quantity) when supplied in bottles. When supplied in blister strips the product is not classified as specified below in the air, sea and road transport notes.

**Road transport notes** The product is not classified as packaged as per ADR section 3.5.1.4

**Sea transport notes** The product is not classified as packaged as per IMDG section 3.5.1.4

**Air transport notes** The product is not subject to the requirements of IATA as packaged based upon "De Minimis Quantities" as per IATA Dangerous Goods Regulations subsection 2.6.10.1

### 14.1. UN number

**UN No. (ADR/RID)** 3260

**UN No. (IMDG)** 3260

**UN No. (ICAO)** 3260

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM HYDROGENSULPHATE)

**Proper shipping name (IMDG)** CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM HYDROGENSULPHATE)

**Proper shipping name (ICAO)** CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM HYDROGENSULPHATE)

**Proper shipping name (ADN)** CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM HYDROGENSULPHATE)

### 14.3. Transport hazard class(es)

**ADR/RID class** 8

**ADR/RID subsidiary risk**

**ADR/RID label** 8

## TOTAL ALKALINITY

IMDG class 8

IMDG subsidiary risk

ICAO class/division 8

ICAO subsidiary risk

Transport labels



### 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-A, S-B

Emergency Action Code 2X

Hazard Identification Number 80  
(ADR/RID)

Tunnel restriction code (E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## 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).

Water hazard classification N/A

### 15.2. Chemical safety assessment

No data available.

## SECTION 16: Other information

Issued by L. Morgan

Revision date 13/10/2015

Revision 10

Supersedes date 12/06/2015

## TOTAL ALKALINITY

**SDS status**

Approved.

**Hazard statements in full**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory 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.