



## SAFETY DATA SHEET CYANURIC ACID TABLETS

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name CYANURIC ACID TABLETS  
Product No. AD-0872, AL 087B, AL 200, AL 300, AP 087, AT 087, SP 620, SP 709E, SP 725E, SPH 003D, CP 087, PM 087, WAG-WE10126, AT-8612, SPH 006D, SPS 003D, SPS 006D, SKH 129C, AP 087CIFEC500

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

Identified uses Testing water

#### 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

#### 1.4. Emergency telephone number

+44 (0) 191 491 0808 (MON-FRI 08:45-16:45)  
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 (1999/45/EEC) C;R34.  
Human health  
See section 11 for additional information on health hazards.

#### 2.2. Label elements

Contains POTASSIUM HYDROGENSULPHATE

Labelling



Corrosive

Risk Phrases

R34 Causes burns.

Safety Phrases

S1/2 Keep locked up and out of the reach of children.  
S20 When using do not eat or drink.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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S45

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S64

If swallowed, rinse mouth with water (only if the person is conscious).

## 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

POTASSIUM HYDROGENSULPHATE		10-30%
CAS-No.: 7646-93-7	EC No.: 231-594-1	Registration Number: N/A
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37	
SODIUM METABISULPHITE		< 1%
CAS-No.: 7681-57-4	EC No.: 231-673-0	Registration Number: 01-2119531326-45-XXXX
Classification (EC 1272/2008) EUH031 Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22 Xi;R41 R31	

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

#### Composition Comments

WHEN DISSOLVED IN WATER, THE TABLETS PRODUCE A NEUTRAL SOLUTION (REF SECTION 9). THE PRODUCT IS NOT CONSIDERED CORROSIVE FOR SUPPLY OR TRANSPORT BASED UPON THE CLASSIFICATION CRITERIA FOR EXTREME pH (CLP 3.2.3.3.4.2)

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

#### Ingestion

Rinse mouth thoroughly. Never give liquid to an unconscious person. Get medical attention.

#### Skin contact

Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

#### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.

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

#### Inhalation

This is unlikely to occur but symptoms similar to those of ingestion may develop.

#### Ingestion

May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

#### Skin contact

Burns can occur.

#### Eye contact

May cause blurred vision and serious eye damage.

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

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

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## 5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

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

Hazardous combustion products

There are no anticipated hazardous decomposition products associated with this material.

## 5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

### 6.2. Environmental precautions

Not relevant considering the small amounts used. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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

Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. 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

Observe good chemical hygiene practices.

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

Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in a cool place. Store in a dry place.

### 7.3. 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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SODIUM METABISULPHITE	WEL		5 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

Protective equipment



Hand protection

Protective gloves are recommended. Use protective gloves made of: Nitrile.

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## Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

## Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Solid
Colour	White.
Odour	Odourless.
Solubility	Soluble in water.
pH-Value, Conc. Solution	6.5

### 9.2. Other information

No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

### 10.6. Hazardous decomposition products

When heated, toxic and corrosive vapours/gases may be formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicological information

Contains Melamine for which there is limited evidence of a harmful effect in laboratory animals. There is no evidence of a harmful effect in humans. Formulation contains less than 5% Melamine w/w.

General information

No specific health warnings noted.

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.1. Toxicity

No data available.

### 12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

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## **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**

Not Classified as PBT/vPvB by current EU criteria.

## **12.6. Other adverse effects**

None known.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

## **SECTION 14: TRANSPORT INFORMATION**

Road Transport Notes	The product is not classified as packaged as per ADR 2013 section 3.5.1.4
Sea Transport Notes	The product is not classified as packaged as per IMDG 2012 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 (54th edition) subsection 2.6.10.1

### **14.1. UN number**

UN No. (ADR/RID/ADN)	2509
UN No. (IMDG)	2509
UN No. (ICAO)	2509

### **14.2. UN proper shipping name**

Proper Shipping Name	POTASSIUM HYDROGEN SULPHATE
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### **14.3. Transport hazard class(es)**

Not applicable.

ADR/RID/ADN Class	8
ADR/RID/ADN Class	Class 8: Corrosive substances.
ADR Label No.	8
IMDG Class	8
ICAO Class/Division	8
Transport Labels	



### **14.4. Packing group**

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

### **14.5. Environmental hazards**

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Environmentally Hazardous Substance/Marine Pollutant  
No.

## 14.6. Special precautions for user

EMS	F-A, S-B
Emergency Action Code	2X
Hazard No. (ADR)	80

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Issued By	L. Morgan
Revision Date	03/04/2014
Revision	8
Supersedes date	21/01/2014
Safety Data Sheet Status	Approved.
Risk Phrases In Full	
R34	Causes burns.
R31	Contact with acids liberates toxic gas.
R22	Harmful if swallowed.
R37	Irritating to respiratory system.
R41	Risk of serious damage to eyes.
Hazard Statements In Full	
EUH031	Contact with acids liberates toxic gas.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

### Disclaimer

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.