

## pH 9.0 Buffer Solution

### 1. Identification of the substance/preparation and of the company/undertaking

**1.1 Product Identifier** pH 9.0 Buffer solution

**1.2 Relevant Identified uses of the substance or mixture and uses advised against**

Uses: Calibration of pH probes

Restrictions: At this time we do not yet have information on identified restrictions.

**1.3 Details of the supplier of the safety data sheet**

Company: Complete Pool Controls Ltd  
Unit 2, The Park  
Stoke Orchard  
Bishops Cleeve  
Gloucestershire GL52 7RS

Telephone: +44 (0) 8712 229081

Fax: +44 (0) 8712 229083

E-mail: [sales@cpc-chemicals.co.uk](mailto:sales@cpc-chemicals.co.uk)

**1.4 Emergency Telephone**

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 3712 229084 ( outside of office hours)

### 2. Hazard Identification

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulations

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

This product does not need to be labelled in accordance with EC Regulations and Directives

### 3. Composition/information on ingredients

**3.2 Mixture**

Contains: Mixture of non hazardous substances

### 4. First Aid measures

**4.1 Description of first aid measures**

If inhaled: Unlikely route of exposure; move patient to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. Get medical attention if necessary.

In case of skin contact: Wash affected areas thoroughly with soap and water for at least 15 minutes. Get medical attention if necessary.

Eye contact: Check for and remove any contact lenses. Open eyes wide apart. Rinse opened eye with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Drink plenty of water. Do not induce vomiting without medical advise. Get medical attention if necessary.

#### 4. First Aid measures

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

- Skin contact: May cause skin irritation .  
Eye contact: May cause eye irritation .  
Ingestion: There may be irritation of the digestive tract.  
Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

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

Medical Treatment Eye bathing equipment should be available on the premises.

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

Treatment Treat Symptomatically.

#### 5. Fire fighting measures

##### 5.1 Extinguishing media:

Suitable media: Use fire extinguishing methods suitable to surrounding conditions.

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

Exposure Hazards : The product is not flammable

##### 5.3 Advice for fire-fighters

Advice for fire-fighters Wear self-contained breathing apparatus.

#### 6. Accidental release Measures

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

Personal Precautions: Refer to section 8 of SDS for personal protection details. Mark out contaminated area with signs and prevent access to unauthorised personnel. Ensure clean-up is conducted by trained personnel only. Turn leaking containers leak-side up to prevent escape of

##### 6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding

##### 6.3 Methods and materials for containment and cleaning up

Methods and materials Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for

##### 6.4 Reference to other sections

See Section 8 for information on Personal protective equipment  
See section 13 for waste treatment information

#### 7. Handling and storage

##### 7.1 Precautions for safe handling

Advice on safe handling: Avoid breathing dust, vapour, mist or gas. Avoid contact with skin and eyes.

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

Storage Conditions : Keep away from children  
Store in a cool, well ventilated area. Keep container tightly closed.

##### 7.3 Specific end uses

Specific end uses No information available

## 8. Exposure control/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values

### 8.2 Exposure controls

Engineering measures Refer to protective measures listed in sections 7 and 8.

General Information: Use in a well ventilated area

#### Personal protective equipment

Respiratory protection Self-contained breathing apparatus must be available in case of emergency.

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Wear safety glasses approved to standard EN 166. Provide eye station

Skin and body protection Wear appropriate clothing to prevent repeated or prolonged skin contact

#### Environmental exposure controls

General advice: Dispose of in accordance with all applicable local and national regulations,

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: Liquid

Colour: Blue

pH @ 20°C: 9

**9.2 Other Information** No further information available

## 10. Stability and reactivity

**10.1 Reactivity** No information available.

### 10.2 Chemical stability

Advice: Stable under normal conditions

### 10.3 Possibility of hazardous reactions

Hazardous reactions: No information available.

### 10.4 Conditions to avoid

Conditions to avoid No information available.

### 10.5 Incompatible materials

Materials to avoid No information available.

### 10.6 Hazardous decomposition products

Hazardous decomposition products: Stable under recommended storage conditions.

**Trade Name:** pH 9 Buffer Solution

## 11. Toxicological Information

### 11.1 Information on toxicological effects

The product shows the following dangers according to the calculation method of the general EU classification guidelines for preparations as issued in the latest version:- Irritant.

## 12. Ecological Information

### 12.1 Toxicity

Toxicity Minimum hazard if well diluted with water

### 12.2 Persistence and degradability

Persistence and degradability No data available

### 12.3 Bioaccumulative potential

Bioaccumulative potential No data available

### 12.4 Mobility in soil

Mobility in soil No data available

### 12.5 Results of PBT and PvB assessment

PBT and PvB assessment No data available

### 12.6 Other adverse effects

Remarks: No data available

## 13. Disposal Considerations

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment ,dispose to an authorised waste collection point

#### Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

## 14. Transport Information

Not Hazardous for Transport

## 15. Regulatory information

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

Labelling according to Regulation (EC) No. 1272/2008

### 15.2 Chemical Safety Assessment

No information available

**16. Other information**

Full text of H-statements referred to under sections 2 and 3

**Further information** No further information available

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**|Indicates updated section.**