

**pH Plus**

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

**1.1 Product Identifier**

Trade Name: pH Plus  
Other Names: Sodium Carbonate, Soda Ash, Alkali

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

Uses: The preparation of pH regulation

**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) 1242 300271 (outside of office hours)

**2. Hazard Identification**

**2.1 Classification of the substance or mixture**

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

| Hazard Class | Hazard Category | Target Organs | Hazard Statements |
|--------------|-----------------|---------------|-------------------|
| Eye Irrit    | Category 2      |               | H319              |

For the full text of the H statements mentioned in this section see Section 16.

**Most important adverse effects**

Human Health: See section 11 for toxicological information.  
Physical & Chemical Hazards: See section 9.  
Potential environmental effects: See section 12 .

**2.2 Label elements**

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

Hazard statements: H319 Causes serious eye irritation

Signal word: Warning

Hazard pictograms: GHS07

Hazard symbols:



Precautionary statements:

P102 Keep out of reach of children  
P260 Do not breathe dust  
P280 Wear protective gloves / eye protection.  
P264 Wash hands thoroughly after handling.  
P305+351 IF IN EYES: Rinse continuously 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.  
P501 Dispose of contents/container to waste according to local/ national regulation

**Hazardous components which must be listed on the label** sodium carbonate

**2.3 Other Hazards**

No other information is available.

Trade Name: pH Plus

### 3. Composition/information on ingredients

#### 3.1 Substances

| Chemical Name    | CAS-No.  | EC- No    | Index No     | %   | H & S |
|------------------|----------|-----------|--------------|-----|-------|
| sodium carbonate | 497-19-8 | 207-838-8 | 011-005-00-2 | 92% | H319  |

### 4. First Aid measures

#### 4.1 Description of first aid measures

General Advice: Take off all contaminated clothing immediately.

If inhaled: Remove casualty to fresh air; consult a doctor if symptoms persist

In case of skin contact: Wash off with plenty of water. Generally the product does not irritate the skin

In case of eye contact: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

If swallowed: Clean mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING. Seek immediate medical attention if symptoms persist.

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

Symptoms and effects: No further information available.

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

Treatment: Treat Symptomatically.

### 5. Fire fighting measures

#### 5.1 Extinguishing media:

Suitable media: Dry powder. CO2 or water spray  
Unsuitable media: High volume water jet

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

Specific Hazards: Gives off irritating or toxic fumes (or gases) in a fire. Vapours may ignite. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

#### 5.3 Advice for fire-fighters

Protective equipment: In the event of fire, wear self-contained breathing apparatus.

Further Information: Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.

### 6. Accidental release Measures

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

Personal precautions: Wear protective clothing as per Section 8  
Evacuate the area and keep personnel upwind  
Avoid breathing gas / mist / fumes. Avoid contact with skin and eyes  
Eye wash bottles should be available

#### 6.2 Environmental precautions

Environmental precautions: Do not allow to enter public sewers and watercourses

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

Cleaning up: Place in sealed and labelled appropriate containers. Remove contaminated material to safe location for subsequent disposal.

#### 6.4 Reference to other sections

Reference to other sections: See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal

Trade Name: pH Plus

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling: Avoid breathing dust. Avoid contact with eyes. Wash thoroughly with soap and water after handling.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area.

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

Storage : Store in original container

Fire and explosion: No special measures required

Further information : Keep this product in original, closed container when not in use. Store in a cool, dry, well-ventilated area. Keep this product out of the reach of children.

Common storage: Keep away from food, drink and animal feeding stuffs.

### 7.3 Specific end uses

Specific use(s) The preparation of pH regulation

## 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 In case of inadequate ventilation wear respiratory protection

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.

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

#### Environmental exposure controls

Environmental 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: Crystalline powder

Colour: White

Odour: Odourless

pH @ 20°C: 11.5

Melting Point 854°C

Boiling point/boiling range: > 999°C

Flash point: Not applicable

Relative vapour density: 2.533 g/cm<sup>3</sup>

Water solubility: 212 g/l

Partition coefficient:n-octanol/water: Not known

Explosive properties: Product is not explosive.

### 9.2 Other Information

No further information available

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

Reactivity No information available

**10.2 Chemical stability**

Chemical stability No decomposition if stored normally

**10.3 Possibility of hazardous reactions**

Hazardous reactions: No information available

**10.4 Conditions to avoid**

Conditions to avoid Avoid formation of dust. Keep away from heat and moisture.

**10.5 Incompatible materials**

Materials to avoid Incompatible with acid

**10.6 Hazardous decomposition products**

Haz. decomp. products: Stable under recommended storage conditions.

**11. Toxicological Information****11.1 Information on toxicological effects****Toxicity Values**

| Sodium carbonate |         |      |       | 497-19-8 |
|------------------|---------|------|-------|----------|
| Route            | Species | Test | Value | Units    |
| Oral             | Rat     | LD50 | 2,800 | mg/kg    |
| Dermaml          | Rabbit  | LD50 | >2000 | mg/kg    |

**Primary Irritant effect**

On the skin: Powder may irritate skin

On the eye: Irritant

**Carcinogenic** There is no evidence that this substance has any carcinogenic properties.**Mutagenic** There is no evidence that this substance is mutagenic**Sensitization:** No sensitizing effects known**Additional toxicological information:****If ingested** may cause discomfort**If inhaled** irritating to mucous membranes and respiratory tract**12. Ecological Information****12.1 Etoxicity**

| Sodium carbonate |     |                     |          | 497-19-8 |
|------------------|-----|---------------------|----------|----------|
| LC50             | 96h | fish                | 100/1000 | mg l     |
| EC50             |     | daphnia             | 265      | mg l     |
| EC50             |     | Lepomis macrochirus | 300      | mg/l     |

**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 :**

PBT and PvB : Not a PBT according to REACH Annex XIII

**12.6 Other adverse effects**

Other adverse effects No data available

Trade Name: pH Plus

### 13. Disposal Considerations

#### 13.1 Waste treatment methods

Product: Disposal together with normal waste is not allowed. Special disposal is required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Contaminated packaging: Empty contaminated packaging thoroughly. They can be re-cycled after thorough and proper cleaning. Packaging that cannot be cleaned is to be disposed of in the same manner as the product

Euro Waste Catalogue No: No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

### 14. Transport Information

- |   |  |
|---|--|
| 14.1 UN Number  | Not applicable   |
| 14.2 UN proper shipping name  | Not applicable   |
| 14.3 Transport hazard class(es)   | Not applicable   |
| 14.4 Packaging Group  | Not applicable   |
| 14.5 Environmental hazards  | Clean up even minor leaks or spills if possible without unnecessary risk |
| 14.6 Special precautions for user   | See Section 7  |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable   |

### 15. Regulatory information

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

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

#### 15.2 Chemical Safety Assessment

No further information

### 16. Other information

Full text of H-statements referred to under sections 2 and 3  
H319 Causes serious eye irritation

#### Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

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■ Indicates updated section.

