
SAFETY DATA SHEET

1 Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Product Name: **pH Plus**
Datasheet Number: pH Plus 4. 0. 0
Chemical Name: Sodium carbonate

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

Pool / spa treatment

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Complete Pool Controls Ltd
Address of Supplier: Unit 2, The Park
Stoke Orchard
Bishops Cleeve
Gloucestershire GL52 7RS
UK
Telephone: +44 (0) 8712 229081
Fax: +44 (0) 8712 229083
Responsible Person: Sales Dpt
Email: sales@cpc-chemicals.co.uk

1.4 Emergency telephone number

+44 (0) 8712 229081 (09:00 - 17:00)
+44 (0) 1242 300271

2 Hazards identification**2.1 Classification of the substance or mixture**

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Eye Irrit. 2, H319
- Classification (67/548/EEC, 1999/45/EC)
- Xi; R36
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements

- Signal Word: Warning
- Symbols: GHS07

Hazard phrases

- Causes serious eye irritation.

Precautionary Phrases

- Keep out of reach of children.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2 Hazards identification (....)

- Get medical advice/attention.

2.3 Other hazards

- No information available.

3 Composition/information on ingredients

3.1 Mixtures

| Chemical Name | Concentration | CAS Number | EC Number | R/H Phrases* | Symbols |
|------------------|---------------|------------|-----------|--------------|-----------|
| sodium carbonate | | 497-19-8 | 207-838-8 | H319, R36 | GHS07, Xi |

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- IF exposed or concerned: Get medical advice/attention.
- If medical advice is needed, have product container or label at hand.

4.2 Most important symptoms and effects, both acute and delayed

- Causes irritation

4.3 Indication of immediate medical attention and special treatment needed

- Treat symptomatically

5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use water, carbon dioxide or dry agent for extinction

5.2 Special hazards arising from the substance or mixture

- No information available

5.3 Advice for firefighters

- Wear protective clothing as per section 8
- Wear self-contained breathing apparatus (SCBA).

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Avoid raising dust
- Avoid contact with skin and eyes
- Eyewash bottles should be available

6 Accidental release measures (....)

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Collect spillage.
- Sweep or shovel-up spillage and remove to a safe place
- Place in appropriate container
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 7 & 8
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7 Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes.
- Prevent formation of dust
- Do not eat, drink or smoke when using this product.
- Wash thoroughly after handling.
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from foodstuff.
- Keep in a cool, dry, well ventilated place
- Keep only in original container.
- Keep container tightly closed.

7.3 Specific end use(s)

- pH regulation
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8 Exposure controls/personal protection

8.1 Control parameters

- None assigned

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable

Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
- Wear safety glasses approved to standard EN 166.
- Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
- Wear apron or other light protective clothing



Respirator



Goggles



Gloves



Suit

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: None
- Appearance: white, crystals
- pH 11.5
- Boiling point >999 °C
- Vapour pressure - not known
- Vapour density 2.533 g/cm³
- Melting point 854 °C
- Water solubility 212 g/l
- Specific gravity - not known
- Flash point - not applicable
- Non-explosive
- Partition coefficient : n-Octanol/water - not known
- Evaporation rate - not known
- Viscosity - not applicable

9.2 Other information

- No information available
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10 Stability and reactivity

10.1 Reactivity

- No information available

10.2 Chemical stability

- No decomposition if stored normally.

10.3 Possibility of hazardous reactions

- No information available

10.4 Conditions to avoid

- Avoid formation of dust
- Keep away from heat and moisture

10.5 Incompatible materials

- Incompatible with acid

10.6 Hazardous Decomposition Products

- Stable under normal conditions
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11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) 4090 mg/kg

Inhalation

- May cause respiratory tract irritation.
- May cause coughing

Contact with skin

- May cause redness and irritation

Contact with eyes

- Causes severe irritation
 - Causes pain
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11 Toxicological information (....)

- Causes redness

Ingestion

- The ingestion of significant quantities may cause nausea/vomiting

Carcinogenicity

- No evidence of carcinogenic effects

Teratogenicity

- No information available

Mutagenicity

- No information available
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12 Ecological information

12.1 Toxicity

- LC50 (fish) 1000 mg/l (96 hr)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No information available
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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.
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14 Transport information



Corrosive

14.1 UN Number

14.2 UN Proper Shipping Name
N/A

14.3 Transport hazard class(es)

14.4 Packing group

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

Other information

Road/Rail (ADR/RID)

Proper Shipping Name: N/A
ADR Hazard Class:
Tunnel Code:

ADR UN No.:
ADR Packing Group:

Sea (IMDG)

Proper Shipping Name: N/A
IMDG Hazard Class.:

IMDG UN No.:
IMDG Pack Group.:

Air (ICAO/IATA)

Proper Shipping Name: N/A
ICAO Hazard Class.:

ICAO Un No.:
ICAO Packing Group.:

15 Regulatory information

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

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

15.2 Chemical Safety Assessment

No information available

16 Other information

Revisions

1. 03/01/2008 Created by Linda Brueford.
2. 30/11/2010 by Linda Brueford. GHS label elements added and other minor editorial amendments.

16 Other information (....)

3. 09/11/2011 by Linda Brueford. Updated to European regulations
4. September 2013 by ChemRegs. Minor amendments.

Text of R and S phrase codes used in this safety data sheet:- H319: Causes serious eye irritation.; R36: Irritating to eyes.

The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.