

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

- **Trade Name:** pH plus
- **Other names** Sodium Carbonate, Soda Ash, Alkali
- **Intended use of chemical** The preparation of pH regulation
- **Manufacturer/Supplier** Complete Pool Controls Ltd, Unit 2, The Park, Stoke Orchard, Bishops Cleeve, Gloucestershire, GL52 7RS.
Tel: +44 (0) 8712 229081
Fax: +44 (0) 8712 229083

2. Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description** 497-19-8 sodium carbonate
- **EINECS Number:** 207-838-8
- **EU Number:** 011-005-00-2

3. Hazard Identification

- **Hazardous Description**



Xi Irritant

- **Hazard information concerning particular hazards for human and the environment**

R41 Risk of serious damage to eyes.

4. First Aid measures

- **After inhalation:** If inhaled, remove individual to fresh air. If breathing is difficult, have a trained person administer oxygen.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Immediately flush contaminated eye(s) with cool, gently flowing water for at least 20 minutes. Seek immediate medical attention
- **After Ingestion:** If swallowed, drink large amounts of water. Seek medical attention if symptoms persist.

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5. Fire fighting measures

- **Special extinguishing media:** Dry powder. CO2 or water spray
- **Special protective equipment:** Self contained breathing apparatus (SCBA)



6. Accidental release Measures

- **Personal Protection** Not required
- **Methods for cleaning:** Contain the spillage. Sweep up the spill and place in clean, dry plastic container including any contaminated material. Dispose of in accordance with relevant waste disposal legislation.

7. Handling and storage

- **Personal Protection** Avoid contact with eyes, Prevent formation of dust.
- **Storage** Keep this product in original, sealed container when not in use. Store in cool dry, well-ventilated area. Keep this product out of reach of children.

8. Exposure control/personal protection

- **Exposure control limits and** No exposure limit established 
- **Respiratory Protection** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device
- **Hand Protection** Wear suitable chemical resistant gloves when handling this product.
- **Eye Protection** Wear appropriate safety goggles 
- **Skin Protection** Wear suitable chemical resistant clothing to protect exposed skin

Trade Name: pH Plus**9. Physical and chemical properties**

- | | |
|------------------------------|--------------------------|
| • Appearance at 20oC | Crystalline white powder |
| • Odour | Odourless |
| • Melting Point | 854°C |
| • pH (conc) | 11.5 |
| • Relative Density | 2.533 g/cm ³ |
| • Boiling Point | > 999°C |
| • Solubility in water | 212 g/l |

10. Stability and reactivity

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|---|--|--|
| • Conditions to avoid | This product is stable under normal conditions | |
| • Materials to avoid | Acids | |
| • Hazardous decomposition products | No dangerous decomposition products known. | |

11. Toxicological Information

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|---------------------|--|-------------------------|
| • Inhalation | May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract. | |
| • Ingestion | May be harmful if swallowed. | |
| • Skin | This product is an irritant | |
| • Eyes | This product is an irritant | |
| • Toxicity | Acute Toxicity | Oral LD50 4090 mg (rat) |

12. Ecological Information

- | | |
|---------------------------|--|
| • Aquatic toxicity | LC50(fish) 100/1000 mg/l (96HR)
This product may be harmful to fish and aquatic organisms when pH rises above 10.0. |
|---------------------------|--|

Trade Name: pH Plus**13. Disposal Considerations**

- **Substance** Do not put product, spilled product or filled or partially filled containers into the waste. Contact with incompatible materials could cause a reaction or fire. Disposal of unused, uncontaminated product is regulated according to local and national regulations.
- **Container** **DO NOT** re-use container. Rinse thoroughly before discarding. Thoroughly dilute washings.

14. Transport Information

- **Classification** Not regulated

15. Regulatory information

- **Product Name** pH Plus/Soda Ash
- **Symbol** Xi
- **Indications of danger** Irritant
- **Risk phrases** R36 Irritating to eyes
- **Safety phrases**

S1/2	Keep locked up and out of reach of children
S22	Do not breathe in dust
S24	Avoid contact with eyes, rinse immediately
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

