

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
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Gloucestershire
GL52 7RS

Tel: +44 (0) 8712 229081 Fax: +44 (0) 8712 229083
- **Contact E-mail for advice** E-mail: sales@cpc-chemicals.co.uk
- **Emergency Telephone** Tel: +44 (0) 8712 229081 (office hours)

2. Hazard Identification

• Hazardous Description



Xi Irritant

• Hazard information concerning particular hazards for human and the environment

The product has to be labelled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version.

R36 Irritating to eyes

• GHS label elements



Warning

H319: Causes serious eye irritation

• Prevention

P264: Wash thoroughly after handling

P273: Avoid release to the environment

P280: Wear protective gloves/protective clothing/eye protection/face protection

• Response

P102: Keep out of reach of children

P262: Do not get in eyes, on skin, or on clothing

P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and

• Storage

P402: Store in a dry place

• Disposal

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

3. Composition/information on ingredients

• Chemical characterization:

• CAS No. Description

497-19-8 sodium carbonate

EINECS

207-838-8

EU Number:

011-005-00-2

Trade Name: pH Plus

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

- **After Ingestion:**

If swallowed, drink large amounts of water. Seek medical attention if symptoms persist.

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 a 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

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/cm³

- **Boiling Point**

> 999°C

- **Solubility in water**

212 g/l

10. Stability and reactivity

- **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

- **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 believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

• Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangereuse par Route (European Agreement
RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR Dangerous goods Regulations by the 'International Air Transport Association' (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the 'International Civil Aviation Organization' (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances.
CAS: Chemicals Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

Revision	Date	By	Amendment
1	30/11/10	Linda Brueford	GHS label elements added and other minor editorial amendments