

## SAFETY DATA SHEET

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

**1.1 Product Identifier**  
 Chemical Soda Ash Granules (pH Plus)  
 Weight 25 kg  
 Code PHPLUS25CBH

**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.

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Hazard Symbol/Category of danger	Risk phrases
Irritant	R36

For the full text of the R phrases 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 for toxicological information.
Potential environmental effects:	See section 12 for toxicological information.

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

Hazard symbols:



Signal word:

Warning

Hazard statements:

H319 Causes serious eye irritation

Precautionary statements:

P102 Keep out of reach of children  
 P260 Do not breathe dust

P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

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

**2.3 Other Hazards**

No other information is available.

**3. Composition/information on ingredients**

**3.1 Substances**

<b>Chemical Name</b>	<b>CAS-No.</b>	<b>EC- No</b>	<b>Index No</b>	<b>%</b>	<b>H &amp; S</b>
sodium carbonate	497-19-8	207-838-8	011-005-00-2	92%	H318: R41

**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:	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:	No further information available.
Effects:	No further information available.

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

Treatment	Treat Symptomatically. No further information available.
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**5. Fire fighting measures**

**5.1 Extinguishing media:**

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

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

Specific Hazards during fire	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
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**5.3 Advice for fire-fighters**

Special 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
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## 6. Accidental release Measures

### 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

Methods and materials for containment and cleaning up. Place in sealed and labelled appropriate containers. Remove contaminated material to safe location for subsequent disposal.

### 6.4 Reference to other sections

See sections 7 & 8

## 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.

Requirements for storage areas and containers: Store in original container

Advice on protection against fire and No special measures required

Further information on storage conditions: 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.

Advice on 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

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**

<b>10.1 Reactivity</b>	No information available.
<b>10.2 Chemical stability</b>	No decomposition if stored normally
<b>10.3 Possibility of hazardous reactions</b>	No information available.
<b>10.4 Conditions to avoid</b>	Avoid formation of dust. Keep away from heat and moisture.
<b>10.5 Incompatible materials</b>	Incompatible with acid
<b>10.6 Hazardous decomposition products</b>	Stable under recommended storage conditions.

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

Route	Species	Test	Value	Units
Oral	Rat	LD50	4,090	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

Trade Name: Soda Ash Granules (pH Plus)

## 12. Ecological Information

### 12.1 Toxicity Eotoxicity

LC50	96h	fish	100/1000	mg l
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- 12.2 Persistence and degradability** No data available
- 12.3 Bioaccumulative potential** No data available
- 12.4 Mobility in soil** No data available
- 12.5 Results of PBT and PvB :** Not a PBT according to REACH Annex XIII
- 12.6 Other adverse effects** 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

- 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 R-phrases referred to under sections 2 and 3  
R36 Irritating to eyes

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

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 concerning the International Carriage of Dangerous Goods by Road)  
RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International Carriage of Dangerous Goods by Road)  
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  
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

<b>Revision</b>	<b>Date</b>	<b>By</b>	<b>Amendment</b>
1	03/01/08	Linda Brueford	Created
2	30/11/10	Linda Brueford	GHS label elements added and other minor editorial amendments
3	09/11/11	Linda Brueford	Updated to European regulations
4	20/10/13	Chemregs	Minor amendments
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