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**SAFETY DATA SHEET**

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

Product Name: **TA Plus**  
Datasheet Number: TA Plus 4. 0. 0  
Chemical Name: Sodium bicarbonate/sodium hydrogencarbonate

**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

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

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Not classified as hazardous for supply
- Classification (67/548/EEC, 1999/45/EC)
- Not classified as hazardous for supply

**2.2 Label elements**

- This product does not need to be labelled in accordance with EC Regulations and Directives

**2.3 Other hazards**

- Mildly irritating to eyes

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**3 Composition/information on ingredients****3.1 Mixtures**

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases	Symbols
Sodium bicarbonate/sodium hydrogencarbonate		144-55-8	205-633-8		

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**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.

## 4 First aid measures (....)

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- IF exposed or concerned: Get medical advice/attention.

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

- Not hazardous

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

- Treat symptomatically
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## 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

- Decomposition products may include carbon oxides

### 5.3 Advice for firefighters

- Wear protective clothing as per section 8
  - Wear self-contained breathing apparatus (SCBA).
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## 6 Accidental release measures

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

- Wear protective clothing as per section 8
- Avoid raising dust

### 6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

- Collect spillage.
- Remove by mechanical means
- 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

- 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

- Protect from sunlight.
  - Keep in a cool, dry, well ventilated place
  - Keep only in original container.
  - Keep container tightly closed.
  - Keep away from foodstuff.
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## 7 Handling and storage (....)

- Keep away from acid.
- Protect from frost
- Hygroscopic

### 7.3 Specific end use(s)

- No information available.

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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

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: None
- Appearance: white, powder
- pH 8.1-8.4
- Boiling point 300 °C
- Vapour pressure - not known
- Vapour density - not known
- Melting point - not known
- Water solubility 95 g/l
- Specific gravity 2.2 g/cm<sup>3</sup>
- Flash point - not applicable
- Non-explosive
- Partition coefficient : n-Octanol/water - not known
- Evaporation rate - not known
- Viscosity - not applicable

### 9.2 Other information

- Bulk density 700-1150 kg/m<sup>3</sup>

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## 10 Stability and reactivity

### 10.1 Reactivity

- No information available

## 10 Stability and reactivity (....)

### 10 .2 Chemical stability

- No decomposition if stored normally.
- Stable under normal conditions

### 10 .3 Possibility of hazardous reactions

- No information available

### 10 .4 Conditions to avoid

- Keep away from heat and sources of ignition

### 10 .5 Incompatible materials

- Incompatible with acid
- Incompatible with metals

### 10 .6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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## 11 Toxicological information

### 11 .1 Information on toxicological effects

- LD50 (oral, rat) 4220 mg/kg

#### Inhalation

- May cause coughing
- In cases of severe exposure, irritation of the respiratory tract may develop

#### Contact with skin

- Not applicable

#### Contact with eyes

- May cause irritation

#### 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

- EC50 (Daphnia magna) 2350 mg/l (48 hr)

### 12 .2 Persistence and degradability

- Biodegradable

### 12 .3 Bioaccumulation Potential

- No information available
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## 12 Ecological information (....)

### 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

### 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.:

**14 Transport information (....)**

Air (ICAO/IATA)

Proper Shipping Name: N/A  
ICAO Hazard Class.:ICAO Un No.:  
ICAO Packing Group.:

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**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

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**16 Other information**

Revisions

1. 12/02/2007 Created by Linda Brueford.
2. 21/06/2011 by Linda Brueford. GHS label elements added and other minor editorial amendments.
3. 14/12/2011 by Linda Brueford. Section 15 and other amendments.
4. September 2013 by ChemRegs. Minor amendments.

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.