

Reviewed on 12.02.07

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

- **Trade Name:** TA Plus - Sodium Bicarbonate
- **Other names** Sodium Hydrogen Carbonate
- **Intended use of chemical** To increase total alkalinity of pool water
- **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** 144-55-8 Sodium Bicarbonate
- **EINECS Number:** 205-633-8
- **EC Number:**

### 3. Hazard Identification

- **Non Hazardous**

### 4. First Aid measures

- **After inhalation:** Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
- **After skin contact:** Wash with plenty water for a minimum of 15 minutes and rinse thoroughly.
- **After eye contact:** Flush eyes with cold flowing water for at least 15 minutes. Seek medical attention immediately.
- **After Ingestion:** Drink large quantities of water. Seek medical attention and show this label where possible.

### 5. Fire fighting measures

- **Special extinguishing media:** Water fog, dry powder or CO<sub>2</sub>
- **Special exposure hazards in fire:** Carbon monoxide, Sodium oxide and Sodium carbonate
- **Special protective equipment:** Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

## 6. Accidental release Measures

- ## 7. Handling and storage

- ## 8. Exposure control/personal protection

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- ## 9. Physical and chemical properties

- |                                   |                             |
|-----------------------------------|-----------------------------|
| • <b>Appearance at 20oC</b>       | White Powder                |
| • <b>Odour</b>                    | No Odour                    |
| • <b>Specific gravity at 20oC</b> | 0.85 – 1 gm/cm <sub>3</sub> |
| • <b>pH (conc)</b>                | 8 (10% soln)                |
| • <b>Boiling Point</b>            | 300 oC                      |
| • <b>Solubility in water</b>      | 7.6 gm/100ml @ 10 °C        |

**Trade Name: Total Alkalinity Plus****10. Stability and reactivity**

- **Conditions to avoid** High temperature. Poor ventilation. Contamination
- **Materials to avoid** Other swimming pool/spa chemicals in their concentrated forms. Strong acids, strong oxidizing agents.
- **Hazardous decomposition products** Carbon monoxide, carbon dioxide.

**11. Toxicological Information**

- **Inhalation** May be irritable to the tissue of the mucous membranes and upper respiratory
- **Skin** May be a mild irritant
- **Eyes** May be a mild irritant
- **Toxicity** This product is not listed as a carcinogenic

**12. Ecological Information**

- **Mobility**
- **Persistence and degradability** Biodegradable. Toxicity believed to be low.

**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 disposal regulations.
- **Container** **DO NOT** re-use container. Rinse thoroughly before discarding. Treat as hazardous waste.

**14. Transport Information**

- **Classification** Not regulated
- **U N No**
- **Proper shipping name** Sodium Bicarbonate

**Trade Name: Total Alkalinity Plus****15. Regulatory information**

• <b>Product Name</b>	TA Plus - Sodium bicarbonate
• <b>Symbol</b>	Not regulated
• <b>Indications of danger</b>	Not regulated
• <b>Risk phrases</b>	Not classified
• <b>Safety phrases</b>	Not classified

**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.

