

Material Safety Data Sheet
According to 91/155 EEC**1. Identification of the substance/preparation and of the company/undertaking**

- **Trade Name:** TA Raiser - 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. Hazard Identification

- **Non Hazardous**

3. Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description** 144-55-8 Sodium Bicarbonate
- **EINECS Number:** 205-633-8
- **EC Number:**

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 CO₂
- **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

- **Personal Protection**
Wear Protective Equipment. Keep unprotected persons away.
- **Environmental Protection**
Prevent large quantities of the material from entering the drains/surface waters/groundwater.
- **Methods for cleaning:**
Dispose of contaminated material as waste. Ensure adequate ventilation. Collect mechanically.

Trade Name: TA Raiser**7. Handling and storage**

- **Personal Protection** No special measures required

No special measures required

- **Storage**

Keep container tightly sealed. This product is hygroscopic. Keep away from direct sunlight and heat. Store in dry, cool conditions.

8. Exposure control/personal protection

- **Exposure control limits and source:**

	8 hr TWA	
	ppm	mg/m ³
Inhalable dust		10
Respirable dust		4



- **Hand Protection** Wear suitable chemical resistant gloves
- **Eye Protection** Wear goggles or safety glasses with side shields when handling this product.
- **Skin Protection** Avoid contact with skin.
- **Respiratory Protection** Use respiratory protection for general dust inhalation protection where conditions warrant use.

9. Physical and chemical properties

- **Appearance at 20°C** White Powder
- **Odour** No Odour
- **Specific gravity at 20°C** 0.85 – 1 gm/cm₃
- **pH (conc)** 8 (10% soln)
- **Boiling Point** 300 °C
- **Solubility in water** 7.6 gm/100ml @ 10 °C

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 tract.
- **Skin** May be a mild irritant
- **Eyes** May be a mild irritant
- **Toxicity** This product is not listed as a carcinogenic

Trade Name: TA Raiser**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
- **Proper shipping name** Sodium Bicarbonate

15. Regulatory information

- **Product Name** TA Raiser - Sodium bicarbonate
- **Symbol** Not regulated
- **Indications of danger** Not regulated
- **Risk phrases** Not classified
- **Safety phrases** Not classified

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.