Material Safety Data Sheet According to 91/155 EEC

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.

patient wann. Consuit doctor it symptoms persist.

Wash with plenty water for a minimum of 15 minutes and rinse

• After skin contact: 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.

Reviewed on 12.02.07 Printed on 01/08/2007

Trade Name: Total Alkalinity Plus

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.

7. Handling and storage

Personal Protection
 No special measures required

• Storage Keep container tightly sealed

This product is hygroscopic

Keep away from direct sunlight and heat

Store in cool dry conditions

8. Exposure control/personal protection

• Exposure control limits and source:

8 hr TWA

 $\begin{array}{cc} ppm & mq/m^3 \\ & 10 \end{array}$

Inhalable dust
Respirable dust

• Hand Protection Wear suitable chemical resistant gloves

• Eye Protection Wear goggles or safety glasses with side shields when handling this

• Skin Protection Avoid contact with skin.

Respitory Protection
 Use respiratory protection for general dust inhalation protection

where conditions warrant use.

9. Physical and chemical properties

• Appearance at 20oC White Powder

• Odour No Odour

• Specific gravity at 20oC 0.85 – 1 gm/cm₃

• pH (conc) 8 (10% soln)

• Boiling Point 300 oC

• Solubility in water 7.6 gm/100ml @ 10 °C

Reviewed on 12.02.07 Printed on 01/08/2007

Trade Name: Total Alkalinity Plus

10. Stability and reactivity

• Conditions to avoid High temperature. Poor ventilation. Contamination

Other swimming pool/spa chemicals in their

Materials to avoid concentrated forms. Strong acids, strong oxidizing

agents.

• Hazardous decomposition products Carbon monoxide, carbon dioxide.

11. Toxilogical 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 carcogenic

12. Ecological Information

Mobility

Substance

• Persistence and degradability Biodegradable. Toxicity believed to be low.

13. Disposal Considerations

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

Reviewed on 12.02.07 Printed on 01/08/2007

Trade Name: Total Alkalinity Plus

15. Regulatory information

• **Product Name** TA Plus - Sodium bicarbonate

• Symbol Not regulated

• Indications of danger Not regulated

Risk phrases
 Not classified

• Safety phrases 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.