



Safety Data Sheet

TA Plus - Sodium Bicarbonate

Revision

DATE SDS REVISED 11th May 2005
Supercedes SDS dated 1st June 2000

SDS Ref: SOL1200
Revision Number: 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Substance or preparation trade name: TA Plus - Sodium Bicarbonate

Other names: Sodium Hydrogen Carbonate

Intended or recommended use of chemical: To increase total alkalinity of pool water

Company/undertaking name, address and normal telephone no.:

Biolab U.K. Limited
Unit 4 Andoversford Industrial Estate
Cheltenham, Glos.
GL54 4LB

Tel: +44 (0)1242 820969

Fax: +44(0)1242 820180

Emergency telephone no.: +44 (0)1242 820969

**FOR MEDICAL EMERGENCIES, FIRES, SPILLAGES OR CHEMICAL HAZARDS ONLY:
TEL: 01865 407333**

2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE	Wt %	EINECS NO.	CAS NO.	R phrases	Symbol	WEL
Sodium bicarbonate	100	N/a	144-55-8	N/a	N/a	WEL

3. HAZARDS IDENTIFICATION

Low hazard material

4. FIRST AID MEASURES

- Inhalation** Remove person to fresh air and seek medical attention.
- Skin contact** Wash with cold water for a minimum of 15 minutes.
- Eye contact** Flush eyes with cold flowing water for at least 20 minutes. If problems persist seek medical attention immediately.
- Ingestion** Drink large quantities of water. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Seek medical attention
- Note** When seeking medical attention, always show the product label.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water fog, dry powder or CO₂

Special exposure hazards in fire: Carbon monoxide, Sodium oxide and Sodium carbonate

Required special protective equipment for fire fighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use appropriate personal protective equipment as detailed in Section 8.

Methods for cleaning: Contain the spillage. Sweep up the spill and place in clean, dry plastic containers including any contaminated soil.

7. HANDLING AND STORAGE

Handling: Ensure all dispensing devices are clean and free from other chemicals

Storage: Keep this product in original, closed container when not in use. Store in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS

Workplace Exposure control limits, and source:

Exposure Limits:	8 hr TWA		Authority
	ppm	mg/m ³	
Inhalable dust	-	10	EH40
Respirable dust	-	4	

General: General room ventilation plus local exhaust should be used to minimise exposure to dust. Remove and wash contaminated clothing before reuse.

Respiratory protection Use respiratory protection for general dust inhalation protection where conditions warrant use.

Hand protection (type of gloves, etc) Wear chemical resistant gloves when handling this product.

Skin protection Avoid contact with skin.

Eye protection Wear goggles or safety glasses with side shields when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: solid

Melting point /melting point range 300 °C

Odour: none

Appearance: powder

Colour: white

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

Relative density: 0.85 – 1 gm/cm³

pH: 8 (10% soln)

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

Route of entry:

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed

Skin & eyes: This product may be a mild eye and skin irritant.

Toxicity: This product is not listed as a carcinogen.

12. ECOLOGICAL INFORMATION

Biodegradable. Toxicity believed to be low.

13. DISPOSAL CONSIDERATIONS

Disposal method: **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.

Empty Containers: **DO NOT** re-use container. Rinse thoroughly before discarding.

14. TRANSPORT INFORMATION

Classification: Not regulated

15. REGULATORY INFORMATION

Product: Sodium bicarbonate

Symbol: Not regulated

Indication(s) of danger: Not regulated

Risk phrases: Not classified

Safety phrases: Not classified

EC No.: 205-633-8

Applicable EU provisions and associated UK legislation: The Chemical (Hazards Information & Packaging) Regulations 2002.

NOTE: THIS DATA SHEETS DOES NOT CONSTITUTE A USER'S ASSESSMENT OF WORKPLACE RISK AS REQUIRED BY HSW ACT, COSHH, MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS, OR OTHER HEALTH AND SAFETY LEGISLATION

16. OTHER INFORMATION

Recommended uses and restrictions: No further information

Further information sources:

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list, EH40, ACIGH tables.

Details of changes to last versions: Section 2 revisited; section 4 revisited; section 8 revisited; section 15 revisited.
