



Safety Data Sheet for:

Balance Pak 100

BioGuard

Biolab U.K. Limited
Unit 4 Andoversford Industrial Estate,
Cheltenham, Glos. GL54 4LB
Tel +44 (0) 1242 820969 Fax: +44(0) 1242 820180

SDS Ref: BGD1200
Revision Date: 1st June 2000

1 IDENTIFICATION OF CHEMICAL

Product name: Balance Pak 100
Chemical name: Sodium Bicarbonate
Other names: Sodium Hydrogen Carbonate

2 COMPOSITION

Ingredients	Wt%	CAS No.	EINECS No	EEC No.	Phrases
Sodium Bicarbonate	100	144-55-8		205-633-8	n/a

3 HAZARD IDENTIFICATION

Low hazard material.

4 FIRST AID MEASURES.

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

Inhalation: Remove person to fresh air and seek medical attention.

Note: When seeking medical attention, always show the product label.

5 FIRE FIGHTING MEASURES.

Flammability: Not applicable
Suitable extinguishers: Water fog, dry powder or CO₂

Hazardous combustion products are: Carbon monoxide, Sodium oxide and Sodium carbonate

6. ACCIDENTAL RELEASE MEASURES.

Use appropriate personal protective equipment as detailed in section 8.

Spillage's and Leaks.

Contain the spillage. Sweep up the spill and place in clean, dry plastic containers including any contaminated soil. Dispose of product in accordance with relevant local and national waste disposal legislation.

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.

Avoid contact with: Do not mix with other products or chemicals.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION.

Exposure Limits:	8hr TWA		15min STEL		authority
	ppm	mg/m3	ppm	mg/m3	
Sodium bicarbonate not listed general inhalable dust levels apply	--	10	--	--	EH40

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

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

Skin: Wear rubber gloves when handling this product. Avoid contact with skin.

Eyes: Wear goggles or safety glasses with side shields when handling this product

9 PHYSICAL AND CHEMICAL PROPERTIES.

Physical state:	solid
Odour:	none
Appearance:	powder
Colour:	white
Solubility in water:	7.6 gm/100ml @ 10 degC
Relative density:	0.85 – 1 gm/cm3
pH	8 (10% soln)

10 STABILITY AND REACTIVITY.

Conditions to avoid: High temperature. Poor ventilation. Contamination

Stability: This product is stable under normal conditions.

Incompatible materials: Other swimming pool/spa chemicals in their concentrated forms. Acids.

11 TOXICOLOGICAL INFORMATION.

This product may be a mild eye and skin irritant.
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.

UN No.	Not regulated
Primary Hazard	Not regulated
Packing Group	Not regulated
Hazard ID No.	Not regulated
Class	Not regulated
EAC	Not regulated

15 REGULATORY INFORMATION.

Product Name:	Balance Pak 100
Hazard Symbol:	Non hazardous
Risk Phrases:	n/a
Safety Phrases:	n/a

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.

The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1997, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

This data sheet does not constitute a users assessment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other health and safety legislation.
