



Safety Data Sheet

Balance Pak 200

BioGuard

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

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1 IDENTIFICATION OF CHEMICAL

Product Name: Balance Pak 200
Chemical name: Sodium carbonate
Other names: Soda Ash

2 COMPOSITION

Ingredients:	Wt%	CAS No.	EINECS No	EEC No.	Phrases
Sodium Carbonate	100	497-19-8	011-005-00-2	207-838-8	R36, S1/2,22,26

3 HAZARD IDENTIFICATION

Irritant: Causes eye, skin and respiratory irritation. Avoid contact with eyes, skin or clothing.

4 FIRST AID MEASURES

Skin Contact: Wash with cold water. If skin irritation persists, seek medical attention.

Eye Contact: Flush eyes with cold flowing water for at least 20 minutes. 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 if ill effects continue.

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, CO₂

Hazardous combustion products are: Carbon dioxide, Sodium oxide.

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: As per directions on containers and technical data sheets

Storage: Keep this product in original, closed container when not in use. Store in a cool, dry, well-ventilated area. Keep this product and all other chemicals out of reach of children.

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/m ³	ppm	mg/m ³	
Not listed but general dust inhalable dust levels		--10	--	--	EH40

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

PPE Respiratory: Use respiratory protection for general dust inhalation protection.

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:	Odourless
Appearance:	Powder
Colour:	White
Solubility in Water:	471 gm/l water
Relative density:	1.05 gm/cm ³
pH:	(1% in solution) 11.3

10 STABILITY AND REACTIVITY

Conditions to avoid: High temperature. Poor ventilation. Contamination. Moisture/high humidity.

Stability: This product is stable under normal conditions.

Polymerisation: Hazardous polymerisation will not occur under normal conditions.

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

Hazardous decomposition products are: Carbon dioxide, Sodium oxide.

11 TOXICOLOGICAL INFORMATION

This product is an eye and skin irritant.
Ingestion may cause gastro-intestinal tracts.
This product is not listed as a carcinogen

12 ECOLOGICAL INFORMATION

Aquatic toxicity: LC50(fish) 100/1000 mg/l (96HR)
This product may be harmful to fish and aquatic organisms when pH rises above 10.0.
Keep product from entering waterways and watersheds.

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 municipal, provincial and federal 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 200
Hazard symbol: Irritant
Risk Phrases: R36 Irritating to eyes
Safety Phrases: S1/2 Keep locked up and out of reach of children
S22 Do not breathe in dust
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.
