

Material Safety Data Sheet

BIOGUARD® BALANCE PAK® 200

Version: 1.1

Revision Date: 01/01/2014

Print Date: 03/05/2014

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *BIOGUARD® BALANCE PAK® 200*

Product Use Description: Recreational Water Product

Chemical nature: Alkaline Salts

Registration number: 5185-50033

Company: Bio-Lab, Inc.
BioGuard
P.O. Box 300002
Lawrenceville, GA
30049-1002

Telephone: (800) 859-7946

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300, 703-527-3887
Poison Control Center (Medical) :: (877) 800-5553
Customer Care: 800-998-7946

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by Product Safety Department

01/01/2014

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Caution

Form: granules Colour: white Odour: odourless

Hazard Summary : Causes eye irritation.
Causes skin irritation.
Harmful if swallowed.
Avoid breathing dust or vapor.
May cause respiratory tract irritation.
Do not get in eyes, on skin, or on clothing.

OSHA Hazards : THIS MATERIAL IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.

Potential Health Effects

Primary Routes of Entry : Skin contact

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Inhalation
Ingestion
Eye contact

Inhalation : May cause respiratory tract irritation.

Skin : Causes skin irritation.

Eyes : Causes eye irritation.

Ingestion : Harmful if swallowed.

Chronic Exposure : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component / CAS-No.	Weight percent
sodium carbonate 497-19-8	100 %

SECTION 4. FIRST AID MEASURES

First aid procedures

Inhalation : Remove to fresh air.
If breathing is difficult, give oxygen.
If not breathing, give artificial respiration.
Call a POISON CENTER or doctor/ physician.

Skin contact : Rinse immediately with plenty of water for at least 15 minutes.
Call a physician if irritation develops or persists.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
Call a POISON CENTER or doctor/ physician.

Ingestion : Call a physician or poison control centre immediately.
Have person sip a glass of water if able to swallow.
Do not induce vomiting unless told to do so by the poison control center or doctor.
Never give anything by mouth to an unconscious person.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

Flash point : Remarks: not applicable

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Fire fighting

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : There are no unusual fire and explosion hazards known.

Protective equipment and precautions for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.
Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal.

Additional advice : Treat recovered material as described in the section "Disposal considerations". Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.

SECTION 7. HANDLING AND STORAGE

Handling

Handling procedures : Avoid contact with skin, eyes and clothing.
Avoid breathing dust.
Mix only with water.
Use only clean and dry utensils.
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.
Do not handle until all safety precautions have been read and understood.

Storage

Requirements for storage areas and containers : Keep this product dry in its original container.
Keep tightly closed in a dry, cool and well-ventilated place.
Keep out of reach of children.
Keep away from animals.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Engineering measures

Engineering measures : Ensure that eyewash stations and safety showers are close to the workstation

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location.
Use with adequate ventilation.

Personal protective equipment

- Eye protection : Goggles
Safety glasses with side-shields
- Hand protection : Wear rubber gloves.
- Respiratory protection : A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
- Hygiene measures : Wash contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : granules
Colour : white
Odour : odourless

Safety data

- Flash point : Note: not applicable
- pH : 11.6
Note: 1% Solution
- Melting point/range : 1,564 °F (851 °C)
- Boiling point/boiling range : Note: not applicable
- Vapour pressure : no data available
- Density : 0.99 g/cm³
- Water solubility : 330 g/l
Note: no data available
- Partition coefficient: n-octanol/water : Note: no data available
- Viscosity, kinematic : Note: not applicable
- Relative vapour density : Note: no data available

SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid : Remarks: High temperatures.

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- Poor ventilation.
Contamination
Moisture/high humidity.
- Materials to avoid : Remarks: Avoid contact with water on concentrated material in the container.
Do not mix with other swimming pool/spa chemicals in their concentrated forms.
Strong acids
- Hazardous decomposition products : Note: Carbon dioxide is evolved at very high temperatures (1000C, 1832F) or when mixed with acids.
- Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50: 4,090 mg/kg
Species: rat
- Acute inhalation toxicity : LC50: 2.3 mg/l
Exposure time: 2 h
Species: rat
- Skin irritation : Remarks: Causes skin irritation.
- Eye irritation : Remarks: Causes eye irritation.

12. ECOLOGICAL INFORMATION

Further information on ecology

- Additional ecological information : May be toxic to fish.
May be toxic to aquatic organisms.
Do not flush into surface water or sanitary sewer system.

SECTION 13. DISPOSAL CONSIDERATIONS

- Further information : Dispose of waste material in compliance with all federal, state, and local regulations.
Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor.
Contact with incompatible materials could cause a reaction or fire.
- Contaminated packaging : Do not re-use empty containers.
Rinse thoroughly before discarding in trash.
Offer rinsed packaging material to local recycling facilities.

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SECTION 14. TRANSPORT INFORMATION

DOT

Not dangerous goods

TDG

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SARA 311/312 Hazards : Acute Health Hazard

The components of this product are reported in the following inventories:

EINECS : On the inventory, or in compliance with the inventory

TSCA : On TSCA Inventory

AICS : On the inventory, or in compliance with the inventory

DSL : All components of this product are on the Canadian DSL list.

ENCS : On the inventory, or in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

HMIS Classification : Health hazard: 2
Flammability: 0

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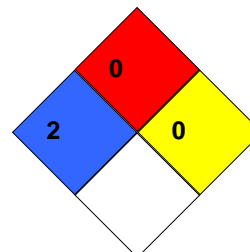
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Physical hazards: 0

PPI: Ask supervisor or safety specialist for handling instructions

NFPA Classification

: Health hazard: 2
Fire Hazard: 0
Reactivity Hazard: 0



Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.