



Material Safety Data Sheet

BALANCE PAK 200

Version 2.1

Revision Date 12/31/2013

Print Date 12/17/2014

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

Product name: BALANCE PAK 200

Product Use Description: Swimming Pool Product
pH Increaser

Company: Biolab New Zealand Ltd
Level 7, 435 King William St
Adelaide SA 5000
Australia

Telephone : BioLab NZ Pool Prods: 0800 441 662 or + 61 8 8112 0900
Telefax : 1800 656 408 or +61 8 8112 0999

Distributor
The Storage and Distribution Centre NZ
3 Goodman Place
Penrose, Auckland 1026
New Zealand

Telephone : + 64 9 6224220
Telefax :+64 9 6224229

Emergency telephone number: +64 9929 1483 (NCEC)

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

Customer Service: BioLab NZ Pool Prods: 0800 441 662 or + 61 8 8112 0900

Prepared by Product Safety Department
(US) +1 866-430-2775

Further information for the safety data sheet : MSDSRequest@BiolabInc.com

2. HAZARDS IDENTIFICATION

Hazardous substance, Non-dangerous goods

NZ EPA HSNO Approval : HSR003265
Number

HSNO Hazard Classification

6.1E (Acute toxicity, Oral)
6.1D (Acute toxicity, Inhalation)
6.3A (Skin irritation)
6.4A (Eye irritation)

Hazard statements



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H303 May be harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.

Precautionary statements

Prevention:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
P321 Specific treatment (see supplemental first aid instructions on this label).
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

Storage:

P403 Store in a well-ventilated place.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration
sodium carbonate	497-19-8	<= 100%

4. FIRST AID MEASURES

General advice : For advice, contact a Poisons Information Centre (Phone: Australia 131 126 or New Zealand 0800 764 766) or a doctor at once.
Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.

Inhalation : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.

Skin contact : Take off contaminated clothing and shoes immediately.



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- Wash off with soap and plenty of water.
- Eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust.
Ensure adequate ventilation.
- Environmental precautions : Try to prevent the material from entering drains or water courses.
- Methods for cleaning up : Neutralise with acid.
Pick up and arrange disposal without creating dust.
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
- Advice on protection against fire and explosion : Avoid dust formation.
Provide appropriate exhaust ventilation at places where dust is formed.



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Storage

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
- Materials to avoid : Acids, Oxidizing agents
- Other data : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

We are not aware of any national exposure limit.

Personal protective equipment

- Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
- Hand protection : Polyvinyl alcohol or nitrile- butyl-rubber gloves
Before removing gloves clean them with soap and water.
- Eye/face protection : Eye wash bottle with pure water
Tightly fitting safety goggles
- Skin and body protection : Dust impervious protective suit
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : granules
- Colour : white
- Odour : odourless

Safety data

- pH : 11.4 - 11.6
Note: 1% Solution
- Melting point/range : 851 °C



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Density : 0.99 - 1 g/cm³

Water solubility : 330 g/l
at 20 °C

10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: Contamination

Materials to avoid : Remarks: Acids
Oxidizing agents

Hazardous decomposition products : Note: metal oxides
Carbon oxides

Thermal decomposition : 851 °C

Hazardous reactions : Note: No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity : LD50 rat
Dose: 4,090 mg/kg

Acute inhalation toxicity : LC50 rat
Dose: 2.3 mg/l

Skin corrosion/irritation

Skin irritation : Remarks: Irritating to skin.

Serious eye damage/eye irritation

Eye irritation : Result: Irritating to eyes.

Respiratory or skin sensitisation

Sensitisation : Remarks: no data available

Target Organ Systemic Toxicant - Single exposure

: Remarks: May cause damage to organs.



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12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability : Result: no data available

Ecotoxicity effects

Toxicity to fish : LC50
Species: Pimephales promelas (fathead minnow)
Dose: 310.00 mg/l
Exposure time: 96 h

Further information on ecology

Additional ecological information : This product has no known eco-toxicological effects.

13. DISPOSAL CONSIDERATIONS

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

14. TRANSPORT INFORMATION

ADG

Not dangerous goods

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID



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Not dangerous goods

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

NZ EPA HSNO Approval Number : HSR003265

HSNO Hazard Classification : 6.1E (Acute toxicity, Oral)
6.1D (Acute toxicity, Inhalation)
6.3A (Skin irritation)
6.4A (Eye irritation)

Other international regulations

Notification status

US.TSCA : On TSCA Inventory

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

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

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

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

CH INV : The formulation contains substances listed on the Swiss Inventory

16. OTHER INFORMATION

Further information

Carechem24 International Worldwide Coverage - *Chemtura Corporation*

Emergency Telephone Numbers

<u>Europe:</u>	All European Countries	+44 (0)208 762 8322
<u>Asia Pacific:</u>	Australia	+61 2801 44558
	New Zealand	+64 9929 1483



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	China	+86 10 5100 3039
	Japan	+81 3 5213 0744
	Indonesia	+62 21 7279 2936
	Malaysia	+60 3 7968 3417
	Thailand	+66-2-2529818
	Hong Kong, Singapore, Sri Lanka , Taiwan, Philippines	+65 6322 2513
	Korea	+65 633 44 177
	Vietnam	65 6322 2519
	India	65 6322 2521
	Pakistan	65 63 22 2524
	Bangladesh	65 63 22 2520
<u>Middle East:</u>	Arabic speaking countries	+961 3 487 287
	All other countries	+44 (0)208 762 8322
<u>Africa:</u>	Arabic speaking countries	+961 3 487 287
	All other countries	+44 (0)208 762 8322
<u>Latin America:</u>	All	+44 (0)208 762 8322
		+86 10 5100 3039

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