

# **BIOCENTRAL AQUABOOST AG30 LIQUID**

## **ChemWatch Material Safety Data Sheet**

**CHEMWATCH 4936-51**

**Date of Issue: Thu 17-Jul-2003**

### **STATEMENT OF HAZARDOUS NATURE**

Not classified as hazardous according to Worksafe Australia criteria

### **SUPPLIER**

Company: **BioCentral Laboratories Ltd**

Address:

6 Hilton Central

46 Sir Donald Bradman Drive, Mile End

SA 5031

Australia

Telephone: +61 8 8234 8886

Fax: +61 8 8234 8889

Product Name: **BioCentral AquaBoost AG30 Liquid**

CAS RN No(s): None

UN Number: None

Dangerous Goods Class: None

Subsidiary Risk: None

Hazchem Code: None

Poisons Schedule Number: None

### **USE**

Commercial horticultural / agricultural soil penetrant and water retention. The use of the product involves significant dilution with water (500 - 1000:1).

### **INGREDIENTS**

NAME	CAS RN	%
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No hazardous ingredients present.

NOTE: Manufacturer has supplied full ingredient information to allow CHEMWATCH assessment.

### **PHYSICAL DESCRIPTION/PROPERTIES**

#### **APPEARANCE**

Clear greenish liquid; mixes with water.

Boiling Point (°C): 100

Melting Point (°C): Not available

Vapour Pressure (kPa): Not applicable

Specific Gravity: 1.0

Flash Point (°C): Not applicable

Lower Explosive Limit (%): Not applicable

Upper Explosive Limit (%): Not applicable

Solubility in Water (g/L): Miscible

### **ACUTE HEALTH EFFECTS**

#### **SWALLOWED**

Considered an unlikely route of entry in commercial/industrial environments.

The liquid is mildly discomforting to the gastro-intestinal tract if swallowed in large quantity.

#### **EYE**

The liquid may produce eye discomfort causing transient smarting, blinking.

### ***SKIN***

The material may be mildly discomforting to the skin if exposure is prolonged. Irritation and skin reactions are possible with sensitive skin.

### ***INHALED***

Not normally a hazard due to non-volatile nature of product.

## **CHRONIC HEALTH EFFECTS**

Primary route of exposure is usually by skin contact and eye contact.

As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

## **FIRST AID**

### ***SWALLOWED***

1. DO NOT induce vomiting.
2. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
3. Observe the patient carefully.
4. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
5. Give water (or milk) to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
6. Seek medical advice.

### ***EYE***

If this product comes in contact with the eyes:

1. Wash out immediately with fresh running water.
2. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
3. If pain persists or recurs seek medical attention.
4. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### ***SKIN***

If product comes in contact with the skin:

1. Immediately remove all contaminated clothing, including footwear (after rinsing with water).
2. Flush skin and hair with running water (and soap if available).
3. Seek medical attention in event of irritation.

### ***INHALED***

1. If fumes or combustion products are inhaled remove from contaminated area.
2. Lay patient down. Keep warm and rested.
3. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
4. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
5. Transport to hospital, or doctor.

### ***ADVICE TO DOCTOR***

Treat symptomatically.

## **EXPOSURE STANDARDS**

None assigned. Refer to individual constituents.

<sodium nonylphenol ethoxysulfate>

No exposure limits set by NOHSC or ACGIH.

## **ENGINEERING CONTROLS**

None required when handling small quantities.

Use in a well-ventilated area.

## **PERSONAL PROTECTION**

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### **EYE**

Safety glasses with side shields; or as required, Chemical goggles. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

### **HANDS/FEET**

No special equipment needed when handling small quantities.

OTHERWISE: Wear chemical protective gloves, eg. PVC.

Safety footwear may be required.

### **OTHER**

1: Overalls.

2: Eyewash unit.

### **GLOVE SELECTION INDEX**

Glove selection is based on a modified presentation of the "Forsberg Clothing Performance Index"

The effect of the following substance(s) is taken into account in the computer-generated selection.

Substance: **water**

-----  
Protective Material CPI\*  
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BUTYL A

NEOPRENE A

VITON A

PVA C

NATURAL RUBBER C

CPI\* :- ChemWatch Performance Index

A :- Best Selection

B :- Satisfactory; may degrade after 4 hours continuous immersion

C :- Poor to Dangerous Choice for other than short term immersion

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

## **STORAGE AND TRANSPORT**

### **SUITABLE CONTAINER**

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Plastic container.

Check that containers are clearly labelled.

Packaging as recommended by manufacturer.

### **STORAGE INCOMPATIBILITY**

Avoid storage with oxidisers.

### **STORAGE REQUIREMENT**

1: Store in original containers.

2: Keep containers securely sealed.

3: Store in a cool, dry, well-ventilated area.

4: Store away from incompatible materials and foodstuff containers.

5: Protect containers against physical damage and check regularly for leaks.

6: Observe manufacturer's storing and handling recommendations.

### **TRANSPORTATION**

No restrictions.

## **SPILLS AND DISPOSAL**

### **MINOR SPILLS**

Slippery when spilt.

1: Clean up all spills immediately.

- 2: Avoid contact with skin and eyes.
- 3: Control personal contact by using protective equipment.
- 4: Contain and absorb spill with sand, earth, inert material or vermiculite.
- 5: Wipe up.
- 6: Place in a suitable labelled container for waste disposal.

#### **MAJOR SPILLS**

Slippery when spilt.

#### **Minor hazard.**

- 1: Clear area of personnel.
- 2: Alert Fire Brigade and tell them location and nature of hazard.
- 3: Control personal contact by using protective equipment as required.
- 4: Prevent spillage from entering drains or water ways.
- 5: Contain spill with sand, earth or vermiculite.
- 6: Collect recoverable product into labelled containers for recycling.
- 7: Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.
- 8: Wash area and prevent runoff into drains or waterways.
- 9: If contamination of drains or waterways occurs, advise emergency services.

#### **DISPOSAL**

- 1: Recycle wherever possible or consult manufacturer for recycling options.
- 2: Consult State Land Waste Management Authority for disposal.
- 3: Recycle containers if possible, or dispose of in an authorised landfill.

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## **FIRE FIGHTERS' REPORT**

#### **FIRE/EXPLOSION HAZARD**

- 1: Non combustible.
- 2: Not considered to be a significant fire risk.
- 3: Expansion or decomposition on heating may lead to violent rupture of containers.
- 4: Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
- 5: May emit acrid smoke.

Other decomposition products include sulfur oxides (SO<sub>x</sub>).

#### **FIRE INCOMPATIBILITY**

None known

#### **HAZCHEM**

None

## **CONTACT**

AUSTRALIAN POISONS INFORMATION CENTRE

24 HOUR SERVICE :- 13 11 26

POLICE OR FIRE BRIGADE :- 000 (exchange):-1100

NEW ZEALAND POISONS INFORMATION CENTRE

Dunedin :-(03)479 1200 (Normal Hours)

:- (03)474 0999 (Emergency)

End of Report

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