



Health	0
Flammability	0
Reactivity	0
Personal Protection	

# MacroBoost Pty. Ltd.

## Material Safety Data Sheet

### BioCal+

1 July 2020

Chemical Product & Company Information Material Identification

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Product Use: An inoculum for the enrichment of soils, growing medium (hydroponics) solid wastes composting.

Company Identification Manufacturer/Distributor MacroBoost Pty Ltd  
122 Parkdale Drive Leslie Vale Tasmania 7054  
Telephone Numbers T +61 0458355120

Composition & Ingredients Item

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Non-Toxic Yeasts < 1%  
Non-Toxic Lactobacillus < 1%  
Non-Toxic Photosynthetic Bacteria < 1% Non-Toxic Other Gram Negative Bacteria < 1% Non-Toxic Molasses < 3%  
Non-Toxic Water.  
Non Toxic Bio-stimulants and Trace Elements  
Agricultural nutrients  
Nitrogen < 6%  
Phos < .04 %  
Potassium < 4%  
Calcium < 6%  
Magnesium < 1%

Hazard Index

EMERGENCY OVERVIEW

Agricultural ingredients may upset allergies or cause respiratory illness. May irritate eyes and skin.

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Potential Health Effects Eye: May cause irritation.

Skin: Exposure to open wounds may cause infection. Ingestion: Not harmful if ingested in small quantities. May cause stomach upset.

Inhalation: May cause nose or throat irritation.

Chronic (Cancer) Information

Unlikely to present a cancer hazard to humans.

First Aid Measures Inhalation

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If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin or Eye Contact

In case of eye contact, immediately wash eye

with plenty of water for at least 15 minutes. Call a physician if irritation develops.

Ingestion

Do not induce vomiting. Call a physician. Never give anything by mouth to an unconscious person.

Fire Fighting Measures Non-flammable

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Accidental Release Measures

Wash area with water to prevent stickiness. Dispose to sewer or with composted material

Handling & Storage Handling

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Do not get in eyes, on skin or on clothing

Storage

Do not refrigerate or freeze.

Store in cool conditions out of direct sunlight Preferred storage temperature 10-40 C

Exposure

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Engineering Controls

Use ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits.

Personal Protective Equipment

Have the following available and wear as appropriate: gloves, safety glasses and apron.

Exposure Guidelines & Limits None

Physical & Chemical Properties Appearance/Odour: Brown Colour/ fermented Fragrance

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Freezing Point: 0 degrees Celsius Boiling Point: 100 degrees Celsius Vapour Pressure: As Water  
Vapour Density (Air=1) As Water Specific Gravity (H<sub>2</sub>O=1) 1 (Water) Percent Volatile By Volume:  
<2% Solubility In Water: Liquid Soluble pH: 3.1 to 3.8  
Evaporation Rate: (Butyl Acetate=1) As Water

Stability & Reactivity Chemical Stability Stable

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Incompatibility with Other Materials Incompatible with strong acids or strong alkalis

Toxicology

Mixture not tested but based on components, may cause irritation to skin and eyes. Ingestion may cause nausea or diarrhea. Agricultural ingredients may upset allergies or cause respiratory illness.

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Inhalation may cause nose and throat irritation

Ecological Information

Biodegradable, non-toxic, non-hazardous, nonpathogenic and safe to flora and fauna

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Disposal Considera-

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tions Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Commonwealth, State/Territory, and local regulations.

Transport Ship-

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ping Oxidiser:

No Poison: No

Flammable: No

Corrosive: No

Not classified as hazardous to users or for transport.

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