

# SAFETY DATA SHEET

Issue Date: 1 August 2022

## BENCHMARK HORTICULTURAL P/L

A.B.N. 75 100 630 981

### SAFETY DATA SHEET FOR TRICHFECTA NUTRIENTS PARTS A&B

---

#### 1. Identification

Product Name: BiOMEGA: TRICHFECTA NUTRIENTS A&B

Company: Benchmark Horticultural Pty Ltd

Address: PO Box 248 Dingley Village, VIC, 3172

Email Address: Contact@biomeganutrients.com.au

Application: Horticultural fertiliser

---

#### 2. Hazards Identification

##### Statement of Hazardous Nature

**This product is classified as:** Not classified as hazardous according to the criteria of SWA. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**GHS Signal word:** NONE. Not hazardous.

##### PREVENTION

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

##### RESPONSE

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P370+P378: Not combustible. Use extinguishing media suited to burning materials.

### STORAGE

P404: Store in a closed container.

### DISPOSAL

P501: dispose of contents to an approved waste disposal plant and containers to landfill.

---

## 3. Composition

CHEMICAL NAME	TRICHFECTA PART A&B %VW
Calcium Nitrate	10-30%
Nitric Nitrogen	<10%
Phosphorous Pentoxide	10-30%
Phosphorous	<10%
Potassium Oxide	10-30%
Potassium	10-30%
Magnesium Oxide	<10%
Sulphur Tioxide	10-30%
Sulphur	<10%
Boron	<1%
Copper	<1%
iron	<1%
Manganese	<1%
Molybdenum	<1%
Zinc	<1%
Organic metabolites	<10%

---

## 4. First Aid Measures

**Inhalation:** First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

**Eye Contact:** No effects expected. If irritation does occur, flush contaminated eye(s)

with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes persists.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

---

## 5. Fire Fighting Measures

**Fire/Explosion:** This product is not flammable.

**Flammability:** Not flammable.

---

## 6. Accidental Release Measures

**Disposal:** Refer to local waste management authority.

**Spills:** Prevent spillage from entering drains or water courses. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area preventing runoff from entering drains.

---

## 7. Handling and Storage

Always store in original containers. Keep containers closed to prevent contamination. Store in a cool and dark space to preserve product integrity and extend useful lifespan.

---

## 8. Exposure Controls/Personal Protection

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

Not hazardous under normal use.

No personal protection required.

Wash hands after handling this product.

Remove affected clothing and launder before reuse.

---

## **9. Physical and Chemical Properties**

**Appearance:** Clear yellow/green/blue/red liquid.

**Odour:** No odour.

**Boiling Point:** >100° C (Water only).

**Vapour Pressure:** 2.37kPa at 20°C (Water vapour pressure).

**Vapour Density:** As for water.

**Water Solubility:** Completely soluble in water.

**PH:** 3.4 – 6.

**Corrosiveness:** Not corrosive.

**Flash Point:** Not flammable.

---

## **10. Stability and Reactivity**

**Reactivity:** Does not react or decompose under normal storage conditions.

**Polymerisation:** Does not undergo polymerisation reactions.

---

## **11. Toxicology Information**

**Inhalation:** Not harmful.

**Skin Contact:** Not harmful in normal use.

**Eye Contact:** Mild irritation. Flush eyes with water if possible.

**Ingestion:** Mild discomfort. May irritate mucus membranes.

---

## **12. Ecological Information**

May promote algae growth and should not be released to rivers and waterways. Not considered harmful as small spills are typically diluted and neutralised in the environment.

---

## **13. Disposal Considerations**

Observe local legislation.

---

## **14. Transport Information**

Not classified as a dangerous good by ADR/IATA/IMDS codes. No special transport conditions necessary.

---

## **15. Regulatory Information**

This product is compliant with NICNAS regulations.

---

## 16. Other Information

Acronyms:

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICS Australian Inventory of Chemical Substances

SWA Safe Work Australia, formerly ASCC and NOHSC

CAS number Chemical Abstracts Service Registry Number

Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters

IARC International Agency for Research on Cancer

NOS Not otherwise specified

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

NTP National Toxicology Program (USA)

R-Phrase Risk Phrase

SUSMP Standard for the Uniform Scheduling of Medicines & Poisons

UN Number United Nations Number

---

### Manufacturer's Advice and Disclaimer

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. All information is as accurate and up to date as possible. This company will not take responsibility for any deliberate miss-use of the product or negligence related to this literature.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice"

Prepared by Benchmark Horticultural P/L, February 2023.

Phone: (03) .....

**SAFETY DATA SHEET**  
**Issue Date: 1 August 2022**

**BENCHMARK HORTICULTURAL P/L**  
A.B.N. 75 100 630 981

**SAFETY DATA SHEET FOR TRICHFECTA NUTRIENTS PART C**

---

**1. Identification**

Product Name: BiOMEGA: TRICHFECTA NUTRIENTS A&B  
Company: Benchmark Horticultural Pty Ltd  
Address: PO Box 248 Dingley Village, Vic, 3172  
Email Address: Contact@biomeganutrients.com.au  
Application: Horticultural fertiliser

---

**2. Hazards Identification**

**Statement of Hazardous Nature**

**This product is classified as:** Not classified as hazardous according to the criteria of SWA.  
Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or  
IMDG/IMSBC criteria.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian  
Dangerous Goods (ADG)

Code, IATA or IMDG/IMSBC criteria.

**GHS Signal word:** NONE. Not hazardous.

#### PREVENTION

- P102: Keep out of reach of children.
- P262: Do not get in eyes, on skin, or on clothing.
- P281: Use personal protective equipment as required.

#### RESPONSE

- P353: Rinse skin or shower with water.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P370+P378: Not combustible. Use extinguishing media suited to burning materials.

#### STORAGE

- P404: Store in a closed container.

#### DISPOSAL

- P501: dispose of contents to an approved waste disposal plant and containers to landfill.
- 

### 3. Composition

CHEMICAL NAME	TRICHFECTA PART C %VW
Calcium Nitrate	10-30%
Organic Metabolites	<10%

---

### 4. First Aid Measures

**Inhalation:** First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

**Eye Contact:** No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes persists.



**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

---

## 5. Fire Fighting Measures

**Fire/Explosion:** This product is not flammable.

**Flammability:** Not flammable.

---

## 6. Accidental Release Measures

**Disposal:** Refer to local waste management authority.

**Spills:** Prevent spillage from entering drains or water courses. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area preventing runoff from entering drains.

---

## 7. Handling and Storage

Always store in original containers. Keep containers closed to prevent contamination. Store in a cool and dark space to preserve product integrity and extend useful lifespan.

---

## 8. Exposure Controls/Personal Protection

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

Not hazardous under normal use.

No personal protection required.  
Wash hands after handling this product.  
Remove affected clothing and launder before reuse.

---

## 9. Physical and Chemical Properties

**Appearance:** Clear yellow/green/blue/red liquid.

**Odour:** No odour.

**Boiling Point:** >100° C (Water only).

**Vapour Pressure:** 2.37kPa at 20°C (Water vapour pressure).

**Vapour Density:** As for water.

**Water Solubility:** Completely soluble in water.

**PH:** 3.4 – 6.

**Corrosiveness:** Not corrosive.

**Flash Point:** Not flammable.

---

## 10. Stability and Reactivity

**Reactivity:** Does not react or decompose under normal storage conditions.

**Polymerisation:** Does not undergo polymerisation reactions.

---

## 11. Toxicology Information

**Inhalation:** Not harmful.

**Skin Contact:** Not harmful in normal use.

**Eye Contact:** Mild irritation. Flush eyes with water if possible.

**Ingestion:** Mild discomfort. May irritate mucus membranes.

---

## **12. Ecological Information**

May promote algae growth and should not be released to rivers and waterways. Not considered harmful as small spills are typically diluted and neutralised in the environment.

---

## **13. Disposal Considerations**

Observe local legislation.

---

## **14. Transport Information**

Not classified as a dangerous good by ADR/IATA/IMDS codes. No special transport conditions necessary.

---

## **15. Regulatory Information**

This product is compliant with NICNAS regulations.

---

## **16. Other Information**

Acronyms:

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICS Australian Inventory of Chemical Substances

SWA Safe Work Australia, formerly ASCC and NOHSC

CAS number Chemical Abstracts Service Registry Number

Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters

IARC International Agency for Research on Cancer

NOS Not otherwise specified

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

NTP National Toxicology Program (USA)

R-Phrase Risk Phrase

SUSMP Standard for the Uniform Scheduling of Medicines & Poisons

UN Number United Nations Number

---

### **Manufacturer's Advice and Disclaimer**

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. All information is as accurate and up to date as possible. This company will not take responsibility for any deliberate miss-use of the product or negligence related to this literature.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice"

Prepared by Benchmark Horticultural P/L, February 2023.

Phone: (03) .....

## **SAFETY DATA SHEET**

**Issue Date: 1 August 2022**

### **BENCHMARK HORTICULTURAL P/L**

**A.B.N. 75 100 630 981**

### **SAFETY DATA SHEET FOR TRICHFECTA NUTRIENTS PART +**

---

#### **1. Identification**

Product Name: BiOMEGA: TRICHFECTA NUTRIENTS A&B

Company: Benchmark Horticultural Pty Ltd

Address: PO Box 248 Dingley Village, Vic, 3172

Email Address: [Contact@biomeganutrients.com.au](mailto:Contact@biomeganutrients.com.au)

Application: Horticultural fertiliser

---

#### **2. Hazards Identification**

##### **Statement of Hazardous Nature**

**This product is classified as:** Not classified as hazardous according to the criteria of SWA. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**GHS Signal word:** NONE. Not hazardous.

## PREVENTION

- P102: Keep out of reach of children.
- P262: Do not get in eyes, on skin, or on clothing.
- P281: Use personal protective equipment as required.

## RESPONSE

- P353: Rinse skin or shower with water.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P370+P378: Not combustible. Use extinguishing media suited to burning materials.

## STORAGE

- P404: Store in a closed container.

## DISPOSAL

- P501: dispose of contents to an approved waste disposal plant and containers to landfill.
- 

## 3. Composition

CHEMICAL NAME	TRICHFECTA PART + %VW
Monopotassium Phosphate	10-30%
Phosphorous Pentoxide	10-30%
Phosphorous	<10%
Potassium Oxide	10-30%
Potassium	10-30%
Magnesium Oxide	<10%
Sulphur Tioxide	10-30%
Sulphur	<10%
Boron	<1%
Copper	<1%
iron	<1%
Manganese	<1%
Molybdenum	<1%
Zinc	<1%
Organic Metabolites	<10%

---

## 4. First Aid Measures

**Inhalation:** First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

**Skin Contact:** Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

**Eye Contact:** No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes persists.

**Ingestion:** If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

---

## 5. Fire Fighting Measures

**Fire/Explosion:** This product is not flammable.

**Flammability:** Not flammable.

---

## 6. Accidental Release Measures

**Disposal:** Refer to local waste management authority.

**Spills:** Prevent spillage from entering drains or water courses. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area preventing runoff from entering drains.

---

## 7. Handling and Storage

Always store in original containers. Keep containers closed to prevent contamination. Store in a cool and dark space to preserve product integrity and extend useful lifespan.

---

## 8. Exposure Controls/Personal Protection

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

Not hazardous under normal use.

No personal protection required.

Wash hands after handling this product.

Remove affected clothing and launder before reuse.

---

## 9. Physical and Chemical Properties

**Appearance:** Clear yellow/green/blue/red liquid.

**Odour:** No odour.

**Boiling Point:** >100° C (Water only).

**Vapour Pressure:** 2.37kPa at 20°C (Water vapour pressure).

**Vapour Density:** As for water.

**Water Solubility:** Completely soluble in water.

**PH:** 3.4 – 6.

**Corrosiveness:** Not corrosive.

**Flash Point:** Not flammable.

---

## 10. Stability and Reactivity

**Reactivity:** Does not react or decompose under normal storage conditions.



**Polymerisation:** Does not undergo polymerisation reactions.

---

## **11. Toxicology Information**

**Inhalation:** Not harmful.

**Skin Contact:** Not harmful in normal use.

**Eye Contact:** Mild irritation. Flush eyes with water if possible.

**Ingestion:** Mild discomfort. May irritate mucus membranes.

---

## **12. Ecological Information**

May promote algae growth and should not be released to rivers and waterways. Not considered harmful as small spills are typically diluted and neutralised in the environment.

---

## **13. Disposal Considerations**

Observe local legislation.

---

## **14. Transport Information**

Not classified as a dangerous good by ADR/IATA/IMDS codes. No special transport conditions necessary.

---

## 15. Regulatory Information

This product is compliant with NICNAS regulations.

---

## 16. Other Information

Acronyms:

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICS Australian Inventory of Chemical Substances

SWA Safe Work Australia, formerly ASCC and NOHSC

CAS number Chemical Abstracts Service Registry Number

Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters

IARC International Agency for Research on Cancer

NOS Not otherwise specified

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

NTP National Toxicology Program (USA)

R-Phrase Risk Phrase

SUSMP Standard for the Uniform Scheduling of Medicines & Poisons

UN Number United Nations Number

---

## Manufacturer's Advice and Disclaimer

This Safety Data Sheet (SDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. All information is as accurate and up to date as possible. This company will not take responsibility for any deliberate miss-use of the product or negligence related to this literature.

Please read all labels carefully before using product.  
This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice”

Prepared by Benchmark Horticultural P/L, February 2023.  
Phone: (03) .....