

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: Fetrilon Combi 2  
 Product Use: Fertilizer  
 Restriction of Use: Refer to Section 15

New Zealand Supplier: Horticulture Ltd  
 Address: 10 Firth Street  
 Drury, 2113

Telephone: +64 9 294 8453  
 Fax Number: +64 9 294 7272

**Emergency Telephone: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 24 November 2020

### Section 2. Hazards Identification

**This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017**

**EPA Approval No: Fertiliser (subsidiary) – HSR002571**

#### Pictograms



Chronic

Signal Word: **Warning**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.8B	H361	Suspected of damaging fertility or the unborn child.	Repr. 2

Prevention Code	Prevention Statement
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.

Response Code	Response Statement
P308 + P313	IF exposed or concerned: Get medical advice/ attention.

Storage Code	Storage Statement
P405	Store locked up.

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

### **Section 3. Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Boric Acid	≥5.5	10043-35-3
disodium [[N,N'-ethylenebis[N-(carboxymethyl)glycinato]](4-)-N,N',O,O',ON,ON']cuprate(2-)	≤10	14025-15-1

### **Section 4. First Aid Measures**

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
If Swallowed	Rinse the mouth with water, then drink a lot of water. Induce vomiting, but only if victim is fully conscious. Obtain medical attention.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

#### **Most important symptoms and effects, both acute and delayed**

Symptoms: Suspected of damaging fertility or the unborn child.

Treatment: Treat symptomatically.

### **Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Non Flammable
<b>Hazards from decomposition products</b>	Carbon oxides Nitrogen oxides (NOx)
<b>Suitable Extinguishing media</b>	Dry powder, Foam, Carbon dioxide (CO2), Water spray jet Unsuitable: High volume water jet
<b>Precautions for firefighters and special protective clothing</b>	In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
<b>HAZCHEM CODE</b>	<b>None allocated</b>

### **Section 6. Accidental Release Measures**

Evacuate unnecessary personnel. Wear PPE as detailed in Section 8. Avoid breathing dust. Avoid dust formation. Ensure adequate ventilation. Keep away from sources of ignition - No smoking. Handle in accordance with good industrial hygiene and safety practice. In case of involuntary exposition of the product contact producer or supplier.

Do not empty into drains. Retain and dispose of contaminated wash water. If the product contaminates rivers and lakes or drains inform respective authorities. Do not contaminate water.

Use mechanical handling equipment. Sweep up or vacuum up spillage and collect in suitable container for disposal. Disposal of contaminated material as waste according to section 13.

## Section 7. Handling and Storage

### Handling

- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Avoid dust formation. Do not breathe dust or fumes.
- Keep away from heat and sources of ignition.
- Keep away from food, drink and animal feeding stuffs.
- Take off immediately all contaminated clothing.
- Wash hands before breaks and at the end of workday.
- Use protective skin cream before handling the product.

### Storage

- Keep in a dry, cool and well-ventilated place.
- Keep away from incompatible materials listed in Section 10.
- Keep containers tightly closed in a cool in a well ventilated place.  
Protect against humidity,
- Protect against water.
- Recommended storage temp: -10 – 30°C

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11TH EDITION.

**Engineering Controls:** Ensure adequate ventilation is available.

### Personal Protection Equipment



<b>Eyes</b>	Tightly fitting safety goggles.
<b>Skin</b>	Protective gloves complying with EN 374. Breakthrough time=>480min. Wear protective suit.
<b>Respiratory</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Half mask with a particle filter P2 (EN 143). Wear suitable protective equipment.

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	Powder, Granular
<b>Colour</b>	Green
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not available
<b>pH</b>	3.5 - 5.5, Concentration: 10 g/l (20 °C)
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Non flammable
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Bulk Density</b>	650 - 750 kg/m <sup>3</sup>
<b>Solubilities</b>	Soluble in water
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Size</b>	Not available

**Section 10. Stability and Reactivity**

<b>Stability of Substance</b>	This material is stable when stored and used as directed.
<b>Hazardous Reactions</b>	None known.
<b>Conditions to Avoid</b>	Heat.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	No decomposition if stored and applied as directed.

**Section 11 Toxicological Information****Acute Effects:**

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Not applicable.

**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

**Individual component information:****Acute Toxicity:**

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Boric Acid (Cas no 10043-35-3)	2668 mg/kg (mouse)	-	-

**Section 12. Ecotoxicological Information**

This product is not hazardous to the environment.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available.
<b>Other adverse effects</b>	No data available.

**Product:**

LC50 fish	> 100 mg/l Test Type: LC50 Remarks: The product was not tested. The statement was derived from products of similar structure and composition.
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**Section 13. Disposal Considerations****Disposal Method:**

Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

**Precautions or methods to avoid:** None known.

**Section 14 Transport Information**

**This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

**Section 15 Regulatory Information**

EPA Approval Code: Fertiliser (subsidiary) – HSR002571

HSNO Classification: 6.8B

HSWA & EPA Controls	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	None

**Section 16 Other Information****Glossary**

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms

	inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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