

TopFert (Foliar fertilizer)

1. Identification of the Substance/Preparation:

Use: Liquid plant fertiliser

Product name: TopFert (3-0.4-4)

Company: Floragarden Wholesale

Address: PO Box 173, Applecross, WA 6953, AUSTRALIA.

Telephone Number: (+61) 0411-297-030

Emergency Telephone Numbers: (+61) 0411-297-030

2. Hazards identification

Non hazardous according to criteria of NHOSC Australia. Non DG

Discomfort from swallowing large amounts.

Eye: May cause irritation.

Skin: May cause irritation.

Inhaled: May cause irritation.

3. Composition/information on ingredients

A liquid plant foliar fertilizer containing:

Chemical Name	CAS	Conc (% W/V)
Potassium nitrate	7757-79-1	<10
Urea	57-13-6	<10
Potassium phosphate	7778-777-0	<1
Kelp extract	N/A	<1
Iron (as EDTA)	15708-41-5	0.04
Manganese (as EDTA)	15375-84-5	0.016
Boron	1303-96-4	0.003
Molybdenum	10102-40-6	0.0008
Copper (as EDTA)	14025-15-1	0.0016
Zinc (as EDTA)	14025-21-9	0.0016
Water		to 100%

4. First-aid measures

Swallowed: Drink large amounts of water or milk. Seek medical advice.

Eye: If this product comes in contact with eyes, hold open and wash with running water for at least 15 minutes. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. Seek medical attention.

Skin: If this product comes in contact with skin, wash with water. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again.

Inhaled: If symptoms develop or persist, seek medical advice.

Advice to doctor: Treat symptomatically.

5. Fire fighting measures

Fire / Explosion: This product is not flammable.

Flammability: Not flammable.

Extinguishing Media: Use fire retardant suitable for surrounding materials.

6. Accidental release measures

Spills: Will promote algae growth therefore prevent from entering rivers, canals and other waterways. Stop leak if safe to do so and contain spill. Absorb into vermiculite or other absorbent material. Sweep up and shovel or collect recoverable product into labeled containers for recycling or salvage. Recycle containers wherever possible. After spills, wash area, prevent runoff from entering drains. If material enters drains, dilute with excess water. Dispose only in compliance with local regulations. Launder all contaminated clothing before reuse.

Disposal (After treatment above)

Refer to waste management authority.

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<p>7. Handling and storage</p> <p>Always store in original container. Containers should be kept closed to minimize contamination. To preserve integrity of product, store in a cool, dark place.</p>
<p>8. Exposure controls/personal protection</p> <p>When applying as foliar spray, use approved breathing apparatus & chemical safety goggles or face protection. Use protective clothing to cover all skin areas.</p> <p>Remove contaminated clothing promptly. Discard or launder before re-wearing. Wash hands thoroughly after handling this material.</p>
<p>9. Physical and chemical properties</p> <p>Appearance: Clear, dark brown aqueous solution</p> <p>Boiling Point: > 100°C (water only).</p> <p>Vapour Pressure: 17 mm of Hg @ 20C</p> <p>Specific Gravity: 1.05</p> <p>Flashpoint: Not flammable</p> <p>Flammability Limits: Not flammable</p> <p>Solubility in Water: Soluble in all proportions</p> <p>pH: ~5.5</p> <p>Corrosiveness: Non corrosive</p> <p>Odour: Seaweed</p>
<p>10. Stability and reactivity</p> <p>Stable under normal conditions.</p>
<p>11. Toxicological information</p> <p>Swallowed: No Data available. Discomfort from swallowing large amounts.</p> <p>Eye: May cause irritation.</p> <p>Skin: May cause irritation.</p> <p>Inhaled: May cause irritation</p>
<p>12. Ecological information</p> <p>Will promote algae growth, therefore prevent from entering rivers, canals and other waterways.</p>
<p>13. Disposal considerations</p> <p>Observe local legislation.</p>
<p>14. Transport information</p> <p>Classified as Non Dangerous Good by the criteria of the Australian Dangerous Goods Code (ADG Code 7.3) for transport by Road and Rail.</p> <p>Not subject to ADR/IATA/IMDG codes.</p>
<p>15. Regulatory information</p> <p>Safety phrases: Nil</p> <p>Risk phrases: Nil</p>
<p>16. Other information</p> <p>Contact Points Andrew Taylor Floragarden Wholesale: PO Box 173, Applecross, WA 6953, AUSTRALIA. Mobile (+61) 0411-297-030 Email: sales@flairform.com</p>

DISCLAIMER

This MSDS 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 of 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.