

SAFETY DATA SHEET

Big Value Liquid Plant Food



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Section 1: Substance Identification and Supplier

Product Name: Big Value Liquid Plant Food
Other names: No other name
Chemical formula: No chemical formula
Recommended Use: Fertiliser (Consumer Use (SU 21))
Company Identification: Address: Daltons Limited
266 Hinuera Road West
Matamata 3440
Customer Centre: 0800 808 150 (New Zealand) Hours of operation:
Monday – Friday 7.30 a.m. – 5.00 p.m.
National Poisons Information Centre: 0800 POISON (0800 764 766)
0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
Emergency Telephone Number: 111 - tell operator what service is needed: Fire, Ambulance, Police

Section 2: Hazard Identification

HSNO Hazard Classification. Not classified as hazardous according to the criteria found in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Section 3: Composition Information

INGREDIENT	CAS No.	INGREDIENT
Undaria pinntifidia	N/A	< 25%
Balance of ingredients determined to be non-hazardous.		

Section 4: First Aid Measures

First Aid Measures: Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.
Inhalation: If ill effects occur, remove patient to fresh air and keep at rest in position comfortable for breathing. Seek medical assistance.
Ingestion: Never give anything by mouth to an unconscious person. If swallowed, seek medical attention. Do NOT induce vomiting unless directed to do so by a medical professional.
Skin: If skin contact occurs, remove contaminated clothing and wash affected area thoroughly with soap and water. If it causes any irritation seek medical advice. Wash hands thoroughly before eating.
Eye: Immediately flush with gentle stream of water for until irritation gone, holding eyelids open if necessary. Remove contact lenses if present and easy to do. Seek medical attention if eye irritation or infection occurs.
Advice to Doctor: Treat symptomatically.

Section 5: Fire Fighting Measures

Combustion Products: Not combustible.
Extinguishing Media: Use appropriate extinguishing media for the surrounding materials.
Protective Equipment: Not combustible. Use appropriate apparatus including breathing apparatus goggles and protective gloves for the surrounding materials.
HAZCHEM Code: None allocated.

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Section 6: Accidental Release Measures

Spills and Disposal:	For either large or small spills; contain spill and use cloths or absorbent material to mop up the spill. Dispose of used cloths or materials.
Protective Clothing:	For appropriate personal protective equipment see section 8.
Environmental :	Avoid unintended release of excessive amounts into waterways or sewers. If contamination of sewers or waterways occurs, advise local emergency services.

Section 7: Handling and Storage

Handling:	<p>Read the packaging information and/or the safety data sheet prior to opening and using this product. Pay particular attention to the information surrounding safe use and handling. Only use this product as intended. Keep away from animals and supervise children when using this product. Use only outdoors or in a well-ventilated area. Avoid skin, mouth and eye contact. Do not eat, drink or smoke when using this product or in areas that may come in contact with this product.</p> <p>Always wear gloves and wash hands immediately after use and particularly before eating, drinking or smoking.</p>
Storage:	<p>Store in a cool, dry, well-ventilated area. Ensure containers/ packages are adequately labelled or in their original packaging, protected from physical damage and sealed when not in use. Store away from children, animals, food and drink.</p>
Other Information:	<p>Approved Handler: Not required Tracking: Not required Record Keeping: Not required</p>

Section 8: Exposure Control/Personal Protection

Exposure Limits:	None assigned
Engineering Controls:	Use only in a well ventilated area. Keep packaging closed when not in use.
Protective Equipment:	<p>Respiratory Protection: Ensure adequate ventilation at all times.</p> <p>Skin Protection: Avoid direct contact with skin. Always wear appropriate gloves such as nitrile gloves or those specified in AS/NZS 2161 and wash hands, arms and any skin which may have come into contact with the product with soap and water immediately after use and particularly before eating, drinking or smoking. Wash any contaminated clothing or other protective equipment before storing or reusing.</p> <p>Eye Protection: Avoid contact with eyes.</p>

Section 9: Physical And Chemical Properties

Appearance:	Opaque Green Liquid
Odour:	Slight molasses odour
Bulk Density:	1000 - 1100 kg/m ³
pH:	3.0 – 4.0
Solubility in Water:	Soluble in water
Freezing Point:	No data available
Vapour Pressure:	No data available
Vapour Density:	No data available
Boiling Point:	No data available

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Section 10: Stability And Reactivity

Stability:	Product is stable under normal conditions of use.
Conditions to Avoid:	Avoid contact with foodstuffs, hands, eyes and face. Avoid contact with other chemicals. Avoid excessive heat, ignition sources and open flames.
Incompatible Materials:	Incompatible with strong oxidizing agents.
Hazardous Decomposition Products:	None known.

Section 11: Toxicological Information

Ingestion:	No adverse health effects should occur if the media is handled in accordance with this Safety Data Sheet and the recommendations made on the packaging. Ingesting large amounts of the product may cause nausea and vomiting and lead to abdominal discomfort and increased risk of gastrointestinal issues.
Skin:	Contact with skin may lead to skin irritation and in sensitive people may lead to dermatitis.
Inhalation:	Inhalation of the product may irritate the nose, throat or lungs.
Eye:	An irritant. May cause redness or watering of the eye and lead to irritation or infection.
Toxicity data:	Not available.

Section 12: Ecological Information

Ecotoxicity:	Contain the media and avoid unintended release into streams, groundwater and waterways.
Persistence:	No data available
Degradability:	No data available
Mobility:	No data available
Bio-accumulation	
Other Adverse effects:	No data available

Section 13: Disposal Information

Product Disposal:	Observe any local authority, national and regional restrictions that may apply. Dispose of the product according to these observances. Dispose of the empty packaging by placing into the domestic rubbish or according to local authority instructions.
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Section 14: Transport Information

Transport requirements:	Protect from oxidizing agents.
Road and Rail Transport:	Not classified as a Dangerous Good under NZ5433:2012 Transport of Dangerous Goods on Land.
Air Transport:	Not classified as a Dangerous Good by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation for transport by air: Non Dangerous Goods.
Marine Transport:	Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea. Non Dangerous Goods.

Section 15: Regulatory Information

EPA New Zealand Approval Code: Not classified as hazardous according to the criteria found in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

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Section 16: Other Information

This SDS supersedes all previous versions and was reviewed to include HSNO requirements.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.

Prepared and revised by
Quality Assurance and Technical (Daltons Ltd)

Reason for Issue

To provide information and data on health and safety hazards of the product and to give guidance on how to safely handle in the workplace.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. This **Safety Data Sheet** is provided in good faith based on current knowledge and experience and **summarises the chemical, health and safety hazards of this product. It also covers guidance on how to safely handle the product in the workplace.**

Daltons Ltd cannot control the conditions or environment where the product is used and each user must prior to usage assess and control the risks arising from the use of this product.

Contact Daltons Ltd if further information is required. Contact details are on Page 1.

ALWAYS READ THE LABEL BEFORE USING THE PRODUCT