

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Basfoliar Kelp SL**
 Item Code:
 Product Use: Plant assistants
 Restriction of Use: Refer to Section 15

New Zealand Supplier: HortFertplus
 Address: 18 Cabernet Crescent
 Westgate, Auckland 0614
 Telephone: +64 9 478 5585

Emergency Telephone: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 4 May 2017

Section 2. Hazards Identification

This substance is NOT hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Non-hazardous ingredients	To 100	-

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 mouth and drink water as a precaution. Call a doctor/physician if you feel unwell.

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.

Section 5. Fire Fighting Measures

Hazard Type	Non-flammable.
Hazards from combustion products	Can decompose at above 100 °C. Thermal decomposition products: Isobutylaldehyde
Suitable Extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Precautions for firefighters and special protective clothing	No special precautions required. Cool endangered containers with water-spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
HAZCHEM CODE	None Allocated

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Ensure adequate ventilation. Clear area of any unprotected personnel.

Prevent further leakage or spillage. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). After cleaning, flush away traces with water.

Dispose of according to Local Regulations.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Avoid contact with skin, eyes and clothing.
- Wash hands before breaks and at the end of workday

Precautions for Storage:

- Keep away from heat.
- Keep away from direct sunlight.
- Keep away from food, drink and animal feed.
- Storage temp: 0 – 30°C

Section 8 Exposure Controls / Personal Protection

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

Engineering Controls

No specific controls are needed.

Personal Protection

Eyes	Not required
Hands and Skin	For prolonged or repeated contact use protective gloves.
Respiratory	Not required, except in case of aerosol formation.

Section 9 Physical and Chemical Properties

Appearance	Green Liquid
Odour	Characteristic
Odour Threshold	Not available
pH	ca. 4,6 – 4,8 (20 °C)
Boiling Point	Ca 100°C
Melting Point	0°C
Freezing Point	Not available

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Issued by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

Flash Point	Not available
Flammability	None
Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	Not available
Density (20°C)	ca.1.06 g/cm ³
Solubilities: Water Solubility	soluble
Partition Coefficient: n Octanol/water	Not available
Auto-ignition Temperature	not auto-flammable
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Size	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	Keep away from direct sunlight.
Incompatible Materials	Strong bases Oxidizing agents
Hazardous Decomposition Products	No decomposition if stored and applied as directed.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Persistence and degradability	Inherently biodegradable.
Bioaccumulation	Bioaccumulation is unlikely.
Mobility in Soil	No data available
Other adverse effects	Inhibition of degradation activity in activated sludge is not to be anticipated when introduced to biological treatment plants in appropriate low concentrations.

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method: Triple rinse and dispose according to Local regulations.

Precautions and 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

This substance is NOT hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

Section 16 Other Information

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	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

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

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

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