

Material Safety Data Sheet

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Issue Date: June 2011

PowerFeed for Vegies

Section 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PowerFeed for Vegies
Synonym: Liquid Fertiliser and Plant tonic
Use: Liquid Fertiliser & Liquid Compost

Company Name **SEASOL INTERNATIONAL PTY LTD**
Address 1027 Mountain Highway
Bayswater Vic 3153

Telephone +61 3 9729 6511
Emergency After Hours 1800 335 508 (Australia Only)
Facsimile +61 3 9720 4792
Email info@seasol.com.au
Web site www.seasol.com.au

Section 2: HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO AXCC/NOHSC/EU CRITERIA

Hazard Category: Non Allocated
Hazard Classification: Non-hazardous substance, non-dangerous goods

RISK PHRASES

None Allocated

SAFETY PHRASES

None Allocated

Road Transport (ADR/RID)

UN Number: None Allocated

Proper Shipping Name: None Allocated

Dangerous Goods Class: None allocated

Packing Group: None Allocated

Air Transport (IATA/ICAO)

UN Number: None Allocated

Proper Shipping Name: None Allocated

Dangerous Goods Class: None Allocated

Packing Group: None Allocated

Poison Schedule: None Allocated [Aust]

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
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All ingredients not hazardous according to ASCC/NOHSC/EU criteria

Section 4: FIRST AID MEASURES

Swallowed: Drink juice or water to reduce alkalinity and seek medical attention

Eye: Immediately irrigate with water or neutral saline solution. Seek medical attention.

Skin: Wash off immediately with water

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Section 4: FIRST AID MEASURES (continued)

Inhaled: Remove to fresh air, seek medical attention if irritation persists

First Aid Facilities: Eye wash fountain, safety shower and normal washroom facilities

Advice to Doctor: Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 13 11 26

In New Zealand call Tel 03 474 7000

Section 5: FIRE-FIGHTING MEASURES

Fire/Explosion Hazard: If safe to do so, move undamaged containers from fire area

Suitable extinguishing media: Use extinguishing media suitable for surrounding fire situation

Hazards from Combustion Products: Decomposes on heating emitting oxides of carbon and small quantities of noxious smoke

Precautions for Fire Fighters and Special Protective Equipment: Fire fighters to wear self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

HAZCHEM CODE: None Allocated [Aust]

Flammability: Non flammable water based liquid

Lower Not applicable

Upper Not applicable

Flash point: Not applicable, water content interferes with flashpoint

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Very low hazard product. If product spills onto floors it will represent a slip hazard, walk cautiously. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS.

Methods and materials for containment and clean up procedures: Assess situation, if possible, use a wet-dry vacuum system and collect all the spill, if the site of the spill is not contaminated with other chemicals, then consider using the collected spill, suitably diluted on vegetation, plants and trees.

Otherwise, if a large spill occurs, bund area, throw absorbent (diatomaceous earth or other inert material) on top of spill, **ALLOW TO ABSORB**, then shovel up and seal in properly labelled containers for disposal.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Very low hazard product, do not store for long periods at -10°C - 40°C. Store in a cool place and out of direct sunlight. For further information please refer to the Engineering Controls of this MSDS.

Conditions for Safe Storage: Keep containers tightly closed, when not using this product. Store in original packages as approved by manufacturer.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: No exposure standards have been assigned by [NOHSC] for this product or any of the components

Engineering Controls: Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

Personal Protection Equipment:

GLOVES:

EYES:

RESPIRATORY PROTECTION:

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour: Dark Brown coloured liquid with strong fish odour

Boiling Point: Not available

Vapour pressure: Not available

Solubility in water: 100%

Density (kg/L): 1.25

Flashpoint: Not applicable, water content interferes with flash point

Flammability Limits: Not available

pH: 10.0 – 11.0

Section 10: STABILITY AND REACTIVITY

Chemical Stability: Stable liquid with no hazardous decomposition products.

Hazardous decomposition products: None

Incompatible Materials:

Hazardous Polymerisation: No polymerisation will occur

Hazardous Reactions:

Conditions to avoid: Not applicable

Section 11: TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with the Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE HEALTH EFFECTS:

Swallowed: Swallowing large quantities may cause irritation, leading to pains in the stomach, nausea, vomiting and possible diarrhoea.

Eyes: May cause mild irritation to the eyes.

Skin: May cause mild irritation to the skin.

Inhalation: Mists from the product may cause mild irritation.

CHRONIC:

Prolonged exposure may cause drying and potential redness of the skin in some susceptible individuals.

Section 12: ECOLOGICAL INFORMATION

There is no ecological information available for this product, however large quantities should not be discharged into drains, sewers or waterways.

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Section 13: DISPOSAL CONSIDERATIONS

PowerFeed for Vegies is non-toxic and safe to use as recommended by the manufacturer's instructions. Instead of disposal, consider the environment and use to nurture all vegetables, vegetation and trees.

Section 14: TRANSPORT INFORMATION

Road Transport (ADR/RID)

UN Number: None Allocated

Proper Shipping Name: None Allocated

Dangerous Goods Class: None allocated

Packing Group: None Allocated

Air Transport (IATA/ICAO)

UN Number: None Allocated

Proper Shipping Name: None Allocated

Dangerous Goods Class: None Allocated

Packing Group: None Allocated

Sea Transport (IMDG)

UN Number: None Allocated

Proper Shipping Name: None Allocated

Dangerous Goods Class: None Allocated

Packing Group: None Allocated

Section 15: REGULATORY INFORMATION

Poison Schedule: None Allocated [Aust]

Inventory	Status
Australia (AICS)	Y
United States (TSCA)	Y
Europe (EINECS/ELINCS)	Y

Y = all ingredients are on the inventory.

EU Label: None allocated

Section 16: OTHER INFORMATION

Date of Preparation: June 21, 2011

Issue Date: June 21, 2011

Reasons for Update:

1. Compliance EU directives and 2nd Edition of National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC: 2001 (2003)]
2. New product release

Key Legend Information:

NOHSC – National Occupational Health & Safety Commission [Formerly Worksafe] [Aust]

ASCC – Australian Safety and Compensation Council [Aust]

SUSDP – Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA – Time Weighted Average [Int]

STEL – Short Term Exposure Limit [Int]

AICS – Australian Inventory of Chemical Substances

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Dangerous Goods – Initial Emergency Response Guide (SAA/SNZ HB76:2004) [Aust]
EPA – Environmental Protection Agency [Int]
NIOSH – National Institute for Occupational Safety and Health [US]
TSCA – Toxic Substances Control Act [US]
OSHA – Occupational Safety and Health Administration [US]
AS/NZS 1715 – Selection, use and maintenance of respiratory protective devices. [Aust/NZ]
Hazchem Code – fire fighters designation [Aust]
ADG Code – Australian Dangerous Goods Code [Aust/Int]
IATA – International Aviation Transport Authority [Int]
ICAO – International Civil Aviation Organization [Int]
IMO – International Maritime Organisation [Int]
IMDG – International Maritime Dangerous Goods [Int]
United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]
EINECS – European Inventory of Existing Commercial Chemical Substances. [Int]
ELINCS – European List of Notified Chemical Substances. [Int]
EU – European Union [Int]
ADR/RID – European Road & Rail Transport Union - [Int]

EU Directives: The classification criteria used, are adopted from the European Community's (EC) legislation for classifying dangerous substances. The criteria are taken from:

EC Council Directive 67/548/EEC
EC Council Directive 1999/45/EC

[Aust/NZ] = Australian New Zealand
[Int] = International
[US] = United States of America

Principal References:

Information supplied by manufacturer, reference sources including the public domain.

END OF MSDS