

MATERIAL SAFETY DATA SHEET

BioSoft™ Surfactant

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COMPANY DETAILS

Manufactured & Distributed by: Certified Organics Ltd
PO Box 1218
Box Hill BC, Victoria
Australia 3128

PRODUCT IDENTIFICATION

Product name: BioSoft™ Surfactant
Other Names: BioSoft™, Spreader - Sticker - Wetter
Manufacturer Product Code: 1/04/2008
UN Number: None
Dangerous Goods Class and Subsidiary Risk: None
Hazchem Code: N/A
Poisons Schedule No. N/A

USE: Surfactant/Spreader/Wetter

(Include Maximum dosage rates in PPM) 1000ppm Usual Maximum Dose

Physical description

APPEARANCE/ODOUR: Brown Colour / Fermented Fragrance
FREEZING POINT: 0 degrees Celsius
BOILING POINT: 100 degrees Celsius
VAPOUR PRESSURE: As Water
VAPOUR DENSITY (Air=1) As Water
SPECIFIC GRAVITY (H2O=1) 1.1
PERCENT VOLATILE BY VOLUME: <2%
SOLUBILITY IN WATER: Liquid Soluble
pH: 3.1 to 3.8
EVAPORATION RATE: (Butyl Acetate=1) As Water

Ingredient Information

Item	Weight %	Exposure Limit
Yeasts	< 1%	Non-Toxic
Lactobacillus	< 1%	Non-Toxic
Photosynthetic Bacteria	< 1%	Non-Toxic
Ray Fungi	< 1%	Non-Toxic
Other Gram Negative Bacteria	< 1%	Non-Toxic
Molasses	3%	Non-Toxic
LA8 Alcohol-Based Surfactant	<1%	Non-Toxic at prepared Dilutions
Liquid Kelp	1%	Non-Toxic at prepared Dilutions
Phosphoric Acid	<1%	Non-Toxic at prepared Dilutions
Water	90.00%	Non-Toxic

FIRE AND EXPLOSION INFORMATION

FLASH POINT (Degrees C) None
FLAMMABLE LIMITS: Non-Flammable
EXTINGUISHING MEDIA: N/A
SPECIAL FIRE PROCEDURES: N/A
UNUSUAL FIRE/EXPLOSIVE HAZARDS: N/A

HEALTH HAZARD DATA**PRIMARY ROUTES OF ENTRY**

Contact Point	Detrimental Results
Eye Contact:	May result in mild irritation. Avoid contact with water-based contact lenses.
Skin Contact:	Prolonged contact with concentrated liquid may result in dryness and irritation of sensitive skin.
Ingestion:	May cause nausea if swallowed.
Inhalation:	None at prepared dilutions. Note: Intentional concentration and inhalation of vapours may be harmful.

Reactivity Data

STABILITY:	Alcohol may be released when sprayed as aerosol.
CONDITIONS TO AVOID:	Excessive direct heat may damage product.
MATERIALS TO AVOID:	Contact with Strong Alkali products may result in exothermic reaction.
HAZARDOUS DECOMPOSITION PRODUCTS:	Nil
HAZARDOUS:	Nil
CONDITIONS TO AVOID:	Excessive direct heat may damage product. Avoid Inhalation of concentrated vapour.

SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Wash area with water to prevent stickiness.

WASTE DISPOSAL INFORMATION:

Dispose to sewer or with composted material.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Exercise caution when concentration of vapour is possible.
VENTILATION:	Exercise caution when concentration of vapour is possible.
PROTECTIVE GLOVES:	Rubber / Plastic Gloves recommended.
EYE PROTECTION:	Safety Glasses recommended for prolonged contact with concentrated liquid (liquid is low pH).
OTHER PROTECTIVE MEASURES:	Avoid Inhalation of concentrated vapour (contains ethylated alcohol and essential oils).

SPECIAL PRECAUTIONS

PRECAUTIONARY LABELLING:	Not required.
OTHER HANDLING & STORAGE CONDITIONS:	Store away from excessive heat, avoid excessive shaking, vent storage containers during transport.

ADDITIONAL INFORMATION

If swallowed, do not induce vomiting. Give a glass of water and seek Medical Advice.

Certified Organics Pty Ltd - Ph: (03) 9817 6967 - DISCLAIMER STATEMENT:

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