

MATERIAL SAFETY DATA SHEET

BioSoft™ Surfactant

PAGE 1 OF 2

COMPANY DETAILS

Manufactured & Distributed by: Certified Organics Ltd
9a Bennett St
Balwyn VIC 3103

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:

All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Certified Organics Pty Ltd accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.