

## Bio Soil Solutions

(COLF Pty Ltd ABN: 59 620 557 673)

Phone: 08 9755 4189  
Email: info@biosoilsolutions.com.au  
Address: PO Box 37, Vasse WA 6280



Material Safety Data Sheet Issue Date: 29/07/2021

## Product Name: Bio<sup>+</sup> Wetta

### Section 1 - Identification & Supplier

Trade Name: Bio<sup>+</sup> Wetta  
Supplier: Bio Soil Solutions  
info@biosoilsolutions.com.au  
+61 (08) 9755 4189

### Section 2 - Composition/Ingredients

Chemical nature: Yucca schidigera aqueous extract.

Ingredients	CAS No	Concentration %
Ingredients said to be not hazardous	223749-05-1 (Yucca schidigera)	100

**Product Use:** Wetting agent – Natural surfactant

### Section 3 - Hazards Identification

#### HMIS Classification

Health: 1  
Flammability: 0  
Physical Hazards: 0  
Reactivity: 0

#### Hommel Diamond Classification

Health Hazard: 1  
Fire Hazard: 0  
Reactivity: 0  
Special Recommendation: 0

### Section 4 – Emergency Overview

**Physical Description & Colour:** Dark Brown liquid.  
**Odour:** Characteristic odour, bittersweet.  
**Major Health Hazards:** no significant risk factors have been found for this product.

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### Section 5 - First Aid Measures

#### General instruction:

**Avoid eye and prolonged skin contact.**

**After ingestion:** Rinse mouth with water provided person is conscious. Call physician

**After skin contact:** Flush with water and remove contaminated clothing. In case of skin irritation, seek medical advice.

**After eye contact:** In case of contact with eyes, rinse with plenty of water and seek medical advice.

Instruction for the medical practitioner: Show the medical practitioner this safety-data-sheet.

### Section 6 - Fire Fighting Measures

#### Suitable for fire-extinguishing material

N/A not flammable liquid

#### Special danger

None known to Desert King International

#### Special protective actions for fire-fighting

Not applicable. Not flammable

### Section 7 - Accidental Release Measures

#### Personal Precautions

Avoid spills. Wear protective clothing, rubber gloves and goggles. Wash or dispose of contaminated clothing

#### Environmental Precautions

Contain spills. Prevent discharge into environment.

#### Methods for Cleaning Up

Rinse rests with water.

### Section 8 - Handling and Storage

#### Handling

Instruction for safe handling: Wear protective clothing, rubber gloves and goggles. Instruction for fire-and explosion protection No special actions necessary.

#### Storage

Requirements for storage-rooms and containers: Store in cool place, avoid direct sunlight

Further instructions for stock-keeping: None. Storage class 12 (Non flammable liquid in a non flammable container, Self-classification)

**Specific Uses** Foaming agent / Surfactant / Emulsifier

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## Section 9 - Exposure Controls and Personal Protection

### Exposure Limit Values

Not Applicable.

### Personal security-equipment.

Hand-protection  
Safety-gloves  
Eyes-protection  
Safety goggles  
Actions for protection and hygiene  
Maintain good hygiene practices

## Section 10 – Physical and Chemical Properties

<b>Odour:</b>	Characteristic odour, bittersweet.
<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	Not available
<b>Vapour Density:</b>	> 1.21 g/cm
<b>Water Solubility:</b>	Completely soluble in water.
<b>pH:</b>	3.7 – 4.1
<b>Volatility:</b>	No data.
<b>Odour Threshold:</b>	No data.
<b>Evaporation Rate:</b>	As for water.
<b>Coeff Oil/water Distribution:</b>	No data Not applicable. Non flammable

## Section 11 – Stability and Reactivity

### Conditions to avoid

None known. Keep containers tightly closed.

### Materials to avoid

None known to Desert King International

### Hazard decomposition products

Not known to Desert King international. This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

## Section 12 – Toxicological Information

### Acute Toxicity

On Skin: Not available  
On Eyes: Not available  
Ingestion: Not available. Food grade GRAS substance

### Chronic Toxicity

Sensibility: Not applicable  
Carcinogenic and reproduction-hazardous effects: Not applicable

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### Section 13 - Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>Mobility</b>	Not available.
<b>Persistence and degradability</b>	Not available
<b>Bioaccumulative potential</b>	Not available.
<b>Other adverse effects</b>	None known

### Section 14 - Disposal Considerations

**Disposal:** Dispose of in accordance with all local regulations

### Section 15 - Transport Information

No limitations to transport known.

### Section 16 – Regulatory Information

#### Regulatory Status

<b>European Union:</b>	Water based botanical extract
<b>USA:</b>	Yucca schidigera is safe for use in food and beverages. FDA 21 CFR 172.510. EPA inert ingredient, wetting agent / dispersing agent 40 CFR 180.1001
<b>Characterization of danger (symbol)</b>	None
<b>R-Phrases</b>	None
<b>S-Phrases</b>	24 Avoid contact with skin 25 Avoid contact with eyes.
<b>Water-dangerous-class</b>	1 (light water-dangerous) (self-classification).

### Section 17 - Other Information

**This SDS contains only safety-related information. For other data see product literature.**

MSDS Status: According to 2001/58/EC

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.