



DALRIADA  
ORGANICS PTY LTD  
ABN 75121203156

soil  ASSIST

# Material Safety Data Sheet

## IDENTIFICATION:

Product Name: SOIL-ASSIST  
Generic Names: Liquid Humus, humates, humic acids  
UN Number: N/A  
Hazchem Code: N/A  
Dangerous Goods Class: N/A  
Packaging Group: N/A  
Manufacturer's Product Code: SOIL-ASSIST 41163  
Use: Liquid fertilizer, plant growth stimulant and soil conditioner

## PHYSICAL DESCRIPTION/PROPERTIES:

Appearance: Dark brown to black coloured liquid with strong organic odor  
pH: 9.5 - 12.0  
Solubility in Water: 100%  
Density (kg/l): 1.25 <> 1.35  
Volatiles (% w/w): Not relevant  
Flash Point : Not relevant  
Flammability Limits: Non flammable water based liquid  
Ingredients: Water, Hydrolyzed de-natured Protein, Dilute alkali oxides and sulphates, Brown coal extracts and saccharides  
Proportion: 100%

## HEALTH HAZARD INFORMATION:

Health Effects:  
Acute: In concentrated form.  
In Diluted Application Form:  
Swallowed: Small quantities are not harmful.  
Eye: Dust causes mild eye irritation. Mild eye irritation similar to strong soap solution.  
Skin: Mild irritant.  
Inhaled: Mild irritant from fine mist spraying diluted solution.  
Chronic: There have been no reports in the literature and studies of health effects in workers rising from long term exposure to this substance.  
First Aid:  
Eye: Immediately irrigate with water or neutral saline solution. Seek medical attention immediately.  
Skin: Wash off with water immediately.

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Inhaled: Not a volatile liquid, if ingested blow out and seek medical attention.  
First Aid Facilities: Water or neutral saline solution for eye wash.  
Advice to Doctor: Treatment would be supportive, as there is no specific antidote.  
Reactivity Data: Stable liquid with no hazardous decomposition products. Will ferment if contaminated.  
No hazardous polymerization.

### **PRECAUTIONS FOR USE:**

Personal Protection: Face shields and eye protection recommended during handling of product.

Overalls recommended when handling liquid.

Ventilation Requirement: Not a volatile liquid no harmful gases given off odor ventilation recommended in enclosed areas.

Do not spray in an enclosed environment.

### **SAFE HANDLING INFORMATION:**

Storage and Transport: Store and transport in sealed containers with vented closures below 40oC and above -10oC.

Spills and Disposal: Dilute and wash away with large amounts of water.

Fire Explosion/Hazard: Non flammable water-based product, can ignite if dried to a powder.

Asphyxiation Hazard: Not a volatile liquid. No harmful gases emitted unless dried powder is ignited in large amounts.

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### **DISCLAIMER**

The information and recommendations presented in this document are given in good faith and are extracts of or based on research by others and are believed to be true and accurate. However, no warranty is expressed or implied regarding this information or the results arising from use thereof. Dalriada Organics P/l and its associated companies, accepts no responsibility for injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as expressed and stipulated in this Material Data Sheet.

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