



DALRIADA
ORGANICS PTY LTD
ABN 75121203156



Material Safety Data Sheet

IDENTIFICATION:

Product Name: TOTAL-GRO
Generic Names: Liquid fertilizer, amino humic acid plant nutrients
UN Number: N/A
Hazchem Code: N/A
Dangerous Goods Class: N/A
Packaging Group: N/A
Manufacturer's Product Code: TOTAL-GRO 41161
Use: Liquid fertilizer, plant nutrient, plant growth stimulant

PHYSICAL DESCRIPTION/PROPERTIES:

Appearance: Brown coloured liquid with strong acidic/organic odor
pH: 2.00 - 4.5
Solubility in Water: 100%
Density (kg/l): 1.25
Volatiles (% w/w): Not relevant
Flash Point : Not relevant
Flammability Limits: Non flammable water based liquid
Ingredients: Water, Hydrolyzed de-natured Protein, Amino acids, Dilute alkali oxides, sulphates and phosphates, saccharides, organic particulate matter
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 and dilute vinegar 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.
Inhaled: Not a volatile liquid, if ingested blow out and seek medical attention.

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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.
Contact: Walter Oschmanns
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DISCLAIMER

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