



Material Safety Data Sheet

COMPANY DETAILS:

Company: Omnia Specialities Australia Pty Ltd

Address: Tramway Road, Private Bag No 1
MORWELL VIC 3840

Telephone Number: +61-3 51339118

Facsimile Number: +61-3 51339114

**Emergency Telephone
Number:**

Dr Sammy Heng
Telephone: +61-3 9574 8001
Mobile: +61-4 1750 6819
After Hours: +61-3 9887 8892

IDENTIFICATION:

Product Name: High Yield Plus

Other Name:

UN Number: N/A

Hazchem Code: N/A

Dangerous Goods Class: N/A

Packaging Group: N/A

**Manufacturer's Product
Code:**

Use: A plant nutrient solution for Horticultural use.

PHYSICAL DESCRIPTION/PROPERTIES:

Appearance: A dark soupy liquid with a neutral pH.

pH: 6.8 to 7.1

Solubility in Water: Soluble with water in all proportions

Density at 20°C, g/ml: 1.07

Volatiles (% w/w): 60

Flash Point (°C): Not flammable

Flammability Limits: Non flammable

Ingredients:

Mineral salts 30 to 60 %

Polysiloxane surfactant < 5 %

Water 30 to 60 %

Proportion: 100%

HEALTH HAZARD INFORMATION:

Health Effects:

Acute: *Swallowed:* May have a slight laxative effect if taken in sufficient quantities.

Eye: Severe Irritant, wear safety goggles/glasses

Skin: Generally non-irritant, but may cause irritation to very sensitive skin.

Inhaled: Does not give off a vapour

Chronic: There have been no reports in the literature of health effects in workers arising from long term exposure to this substance.

First Aid:

Swallowed Give plenty of water.

Eye: Immediately irrigate with water or neutral saline solution. Seek medical attention.

Skin: Wash off with water immediately.

Inhaled: Not applicable

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.
No hazardous polymerisation.

PRECAUTIONS FOR USE:

Personal Protection: Face shields recommended during handling of product.
Overalls recommended when handling liquid.

Ventilation Requirement: Not a volatile liquid, no harmful gases given off. Do not spray in an enclosed environment.

SAFE HANDLING INFORMATION:

Storage and Transport: Store and transport in sealed containers below 40°C and above -10°C. Keep containers closed when not in use.

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

Fire Explosion/Hazard: Non flammable water-based product, it can only 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: Dr Sammy Heng
Unit 10 17-19 Miles Street
MULGRAVE VIC 3170
Telephone: +61-3 9574 8001
Mobile: (04) 1750 6819
After Hours: +61-3 9887 8892

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