



# SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

## REACH

### Material Safety Data Sheet

Date last revised 24<sup>th</sup> OCTOBER, 2006

#### I. General Information

**Chemical Name & Synonyms:**

Aqueous solution of plant and natural organic extracts.  
Natural Fertilizer additive.

**Chemical Family:**

Liquid Organic Growth Promotant and soil conditioner.

**Proper DOT Shipping Name:**

N/A

**Manufacturer:**

Foliar Fertilizers Pty Ltd

**Manufacturer's Address:**

Gillman, Adelaide, South Australia

**Trade Name & Synonyms:**

REACH

**Formula:**

Amino Acids 2.89%, Humic Acid 6.5% Cellulose Fibre 8.9%,  
kelp extract 1%, Vitamin B2 and B6, Lignin and Ash.

**DOT Hazard Classification:**

Not classified.

**Manufacturer's Phone Number:**

Phone: 08 8447 7266 Fax: 08 8240 1844 – Head Office  
0438 897 977 – Product Chemist  
0407 606 409 – Brett Kearsley

#### II. Ingredients

**Principal Hazardous Components:**

None

**Percent:**

None

**Threshold Limit Value (units)**

None

#### III. Physical Data

**Boiling Point (°C)**

100°C approx

**Vapour Pressure (mm Hg.)**

As that of water

**Solubility in Water:**

Completely soluble

**Appearance & Odour:**

Viscous brown liquid with seaweed odour.

**Specific Gravity (H<sub>2</sub>O=1)**

1.050 ± 0.010

**Percent Volatile By Volume (%)**

N/A

**Evaporation Rate (\_\_\_\_\_ =1)**

N/A

**PH**

5-6

#### IV. Fire & Explosion Hazard Data

**Flash Point (Test Method)**

Non Flammable

**Flammable Limits:**

N/A

**Extinguishing Media:**

Water spray and carbon dioxide.

**Special Fire Fighting Procedures:**

Wear full protective suit and wear a breathing apparatus.  
Isolate area.

**Unusual Fire & Explosion Hazards:**

May evolve carbon dioxide, carbon monoxide, oxides of  
nitrogen, sulfur and ammonia.

**Auto Ignition Temperature:**

N/A

**LEL:**

N/A

**UEL:**

N/A

# N/A – Not Applicable



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## V. Health Hazard Data

**OSHA Permissible Exposure Limit:**

Not determined

**Carcinogen-NTP Program:**

N/A

**Symptoms of Exposure:**

Irritation to skin and skin sensitisation, nausea.

**Medical Conditions Aggravated by Exposure:**

Irritate nose, throat and lungs. Vomiting and abdominal cramps

**Primary Route(s) of Entry:**

Damages skin, wounds and inhalation of spray fumes.

**Emergency First Aid:**

Eyes: Flush immediately for 15 minutes. Skin: Flush immediately and thoroughly with water. Ingestion: If conscious, immediately give large quantity of water but do not induce vomiting. Consult a physician promptly. Treat symptomatically.

**ACGIH Threshold Limit Value:**

N/A

**Carcinogen-IARC Program:**

N/A

## V I. Reactivity Data

**Stability**

	Unstable
X	Stable

**Conditions To Avoid:**

Direct sunlight for long and freezing temperature.

**Material To Avoid:**

Strong acids and alkalis, oxidizing agents and salts of Barium, Strontium and mercury.

**Hazardous Decomposition Products:**

Ammonia with bad smell.

## V I I. Environmental Protection Procedures

**Spill Response:**

Confine spill and soak up with inert material such as diatomaceous earth and sand. Flush area with water, do not contaminate water ways.

**Waste Disposal Method:**

Comply with your State, Federal and Local Government's regulations.

## V I I I. Special Protection Information

**Eye Protection:**

Wear full protective goggles. Wash several times with fresh cold water, if contaminated

**Respiratory Protection (Specific Type)**

NIOSH for ammonia

**Other Protection:**

Do not inhale spray fumes

**Skin Protection:**

Wear overall, rubber gloves and clothes while handling this product.

**Ventilation Recommended:**

Natural ventilation.

## I X. Special Precautions

**Hygienic Practices in Handling & Storage:**

Wash hands after use. Store in the original container. Do not store near food, food containers, pet food, cartons etc. Store in a cool but dry place away from direct sunlight.

**Other Precautions:**

Keep out of reach of children and pets. Can stain clothes. Always perform a bucket test if mixing this product with others.

## X. Environmental Information

Undergoes ionic dissociation. May be toxic to aquatic life. Do not contaminate land and water bodies with concentrate.

# N/A – Not Applicable

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