



# SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

## PICK 15-42

### Material Safety Data Sheet

Date last revised 16<sup>th</sup> May 2007

#### I. General Information

<b>Chemical Name &amp; Synonyms:</b> Liquid blend of Potassium Phosphate.	<b>Trade Name &amp; Synonyms:</b> PICK 15-42
<b>Chemical Family:</b> Liquid Fertilizer	<b>Formula:</b> 0-15-42
<b>Proper DOT Shipping Name:</b> Not regulated	<b>DOT Hazard Classification:</b> N/A
<b>Manufacturer:</b> Foliar Fertilizers Pty Ltd	<b>Manufacturer's Phone Number:</b> Phone: 08 8447 7266 Fax: 08 8240 1844 – Head Office 0438 897 977 – Product Chemist 0407 606 409 - Brett Kearsley
<b>Manufacturer's Address:</b> Gillman, Adelaide, South Australia	

#### II. Ingredients

Principal Hazardous Components:	Percent:	Threshold Limit Value (units)
None	None	None

#### III. Physical Data

<b>Boiling Point (°C)</b> 100	<b>Specific Gravity (H<sub>2</sub>O=1)</b> 1.615
<b>Vapour Pressure (mm Hg.)</b> As that of water.	<b>Percent Volatile By Volume (%)</b> N/A
<b>Solubility in Water:</b> Completely soluble	<b>Evaporation Rate (_____ =1)</b> N/A
<b>Appearance &amp; Odour:</b> Blue liquid with neutral odour.	<b>pH</b> 9.8-10.8

#### IV. Fire & Explosion Hazard Data

<b>Flash Point (Test Method)</b> Non Flammable	<b>Auto Ignition Temperature:</b> N/A
<b>Flammable Limits:</b> None	<b>LEL:</b> N/A
<b>Extinguishing Media:</b> This solution is non-flammable. If involved in a fire, use water. All standard agents are acceptable (water, carbondioxide, foam).	<b>UEL:</b> N/A
<b>Special Fire Fighting Procedures:</b> Wear full protective gear if involved in fire.	
<b>Unusual Fire &amp; Explosion Hazards:</b> May ooze a foul smell.	

# N/A – Not Applicable



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## V. Health Hazard Data

**OSHA Permissible Exposure Limit:**

Not determined

**Carcinogen-NTP Program:**

None

**Symptoms of Exposure:**

Irritation to skin, slimy feeling, redness and pain.

**Medical Conditions Aggravated by Exposure:**

Nausea, vomiting, headache and gastrointestinal irritation

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

Skin and 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:**

Low Temperature

**Material To Avoid:**

Strong alkalis and acids. Salts of calcium, zinc, manganese, iron, copper and Zinc alloy, cast iron nozzles and containers

**Hazardous Decomposition Products:**

N/A

## V I I. Environmental Protection Procedures

**Spill Response:**

Wear overalls, confine spill and soak up with inert material and flush area with water. Do not contaminate drains.

**Waste Disposal Method:**

Observe standard procedures lay down by your local, federal and state government.

## V I I I. Special Protection Information

**Eye Protection:**

Safety glasses and goggles recommended. Flush eyes with fresh cold water.

**Respiratory Protection (Specific Type)**

NIOSH for ammonia, wear mask while spraying.

**Other Protection:**

Do not inhale spray fumes; keep out of reach of children and pets. Wear over-alls.

**Skin Protection:**

Rubber/PVC coated gloves

**Ventilation Recommended:**

Natural Ventilation.

## L X. Special Precautions

**Hygienic Practices in Handling & Storage:**

Wash hands after handling the product, store in a cool dry place away from direct sunlight and food items.

**Other Precautions:**

Use personal protective gear as specified in section VIII. Avoid spillage as it may corrode surface. Do not store in metallic drums under direct sunlight. If involved in fire, use water. Keep well closed. Always perform a bucket test while mixing with other chemicals especially sulphur compounds. Shake well before use. Keep out of reach of children and pets.

## X. Environmental Information

Undergoes ionic dissociation in water. Disposer must comply with disposal and discharge laws. May be toxic to aquatic life.

# N/A – Not Applicable

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