



SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

SMARTTRACE SPRAYTRACE 7

Material Safety Data Sheet Date last revised <u>14th November 2006</u>		
I. General Information		
Chemical Name & Synonyms: Liquid blend of chelated elements Chemical Formula: Liquid Trace Fertilizer Proper DOT Shipping Name Not regulated Manufacturer: Foliar Fertilizers Pty Ltd Manufacturer's Address: Gillman, Adelaide, South Australia	Trade Name & Synonyms: Smartrace SprayTrace 7 Formula: 5-0-0 + Trace elements (6% Sulphur, 2.5% Iron, 3% Zinc, 2% Manganese, 1% Copper, 0.65% Boron and 0.05% Molybdenum. DOT Hazard Classification: N/A 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, according to NOHSC	Percent: None	Threshold Limit Value (units) None
III. Physical Data		
Boiling Point (°C) 110 Vapour Pressure (mm Hg.) As that of water Solubility in Water: Completely soluble Appearance & Odour: Dark brown liquid with characteristic odour.	Specific Gravity (H²O=1) 1.27 ± 0.010 Percent Volatile By Volume (%) N/A Evaporation Rate (_____ =1) N/A PH 2-3	
IV. Fire & Explosion Hazard Data		
Flash Point (Test Method) Non Flammable Flammable Limits: None Extinguishing Media: This solution is non-flammable. If involved in a fire, use water. All standard agents are acceptable (water, carbondioxide, foam). Special Fire Fighting Procedures: Wear full protective gear and isolate the area. Unusual Fire & Explosion Hazards: Due to burning, may ooze foul smell and evolve small quantity of ammonia.	Auto Ignition Temperature: LEL: None	UEL: None

N/A – Not Applicable



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V. Health Hazard Data

<p>OSHA Permissible Exposure Limit: Not determined</p> <p>Carcinogen-NTP Program: None</p> <p>Symptoms of Exposure: May cause irritation to skin, redness and pain.</p> <p>Medical Conditions Aggravated by Exposure: Nausea, headache, vomiting, diarrhoea.</p> <p>Primary Route(s) of Entry: Skin, spray fumes</p> <p>Emergency First Aid: <u>Eyes:</u> Flush immediately for 15 minutes. <u>Skin:</u> Flush immediately and thoroughly with water. <u>Ingestion:</u> If conscious, immediately give large quantity of water but do not induce vomiting. Consult a physician promptly. Treat symptomatically.</p>	<p>ACGIH Threshold Limit Value: N/A</p> <p>Carcinogen-IARC Program: None</p>
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V I. Reactivity Data

Stability		Unstable	Conditions To Avoid: High temperatures.
	X	Stable	
Hazardous Decomposition Products: N/A			Material To Avoid: Calcium and strontium salt, strong alkalis.

V I I. Environmental Protection Procedures

<p>Spill Response: Always soak up with agricultural lime, or an inert material. Wear appropriate protective equipment and flush the area with water after removal.</p> <p>Waste Disposal Method: Observe standard procedures laid down by your local state and federal government.</p>

V I I I. Special Protection Information

<p>Eye Protection: Safety Glasses and goggles recommended. Flush eyes with cold fresh water.</p> <p>Respiratory Protection (Specific Type) Wear respirator while spraying onto the crops.</p> <p>Other Protection: Avoid skin and eye contact.</p> <p>Skin Protection: Rubber coated gloves and clothes.</p> <p>Ventilation Recommended: Natural ventilation recommended while handling this product.</p>

I X. Special Precautions

<p>Hygienic Practices in Handling & Storage: Always wash hands after handling the product. Store in a cool and dry place away from direct sunlight, oxidising agents, lead, calcium, borax, food, feed and fodder items.</p> <p>Other Precautions: Use personal protective gear as specified in section VIII. Protect from physical damage and 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 this product with other chemicals. Keep out of reach of children and pets.</p>

X. Environmental Information

Undergoes ionic dissociation in water. Disposer must comply with disposal laws. LS ₅₀ (96hours) for fish = 1-10mg/ of zinc per litre.

N/A – Not Applicable

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