



SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

SMARTRACE CALCIUM

Material Safety Data Sheet

Date last revised 3rd November 2004

I. General Information

Chemical Name & Synonyms: Liquid blend of chelated calcium.	Trade Name & Synonyms: Smartrace Calcium
Chemical Family: Liquid Fertilizer	Formula: 5% Calcium
Proper DOT Shipping Name: N/A	DOT Hazard Classification: N/A
Manufacturer: Foliar Fertilizers Pty Ltd	Manufacturer's Phone Number: Phone: 08 8447 7266 Fax: 08 8240 1844 – Head Office 0438 897 977 – Product Chemist 0407 606 409 – Brett Kearsley
Manufacturer's Address: Gillman, Adelaide, South Australia	

II. Ingredients

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

III. Physical Data

Boiling Point (°C) 100°C	Specific Gravity (H₂O=1) 1.150 ± 0.005
Vapour Pressure (mm Hg.) As of water	Percent Volatile By Volume (%) N/A
Solubility in Water: Complete	Evaporation Rate (_____ =1) N/A
Appearance & Odour: Dark brown mobile liquid with mild inoffensive odour.	PH 4 – 4.2

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) Non flammable	Auto Ignition Temperature: N/A	
Flammable Limits: N/A	LEL: N/A	UEL: N/A
Extinguishing Media: Water sprays		
Special Fire Fighting Procedures: Wear full protective gear and isolate the area. Remove combustible materials.		
Unusual Fire & Explosion Hazards: May evolve ammonia.		

N/A – Not Applicable



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V. Health Hazard Data			
OSHA Permissible Exposure Limit: N/A Carcinogen-NTP Program: N/A Symptoms of Exposure: Nausea, headache, pain and gastrointestinal irritation. Medical Conditions Aggravated by Exposure: Abdominal pains, redness, vomiting and fever. Primary Route(s) of Entry: Inhalation of spray fumes and exposed skin. 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.		ACGIH Threshold Limit Value: N/A Carcinogen-IARC Program: N/A	
V I. Reactivity Data			
Stability		Unstable	Conditions To Avoid: N/A
	X	Stable	
Hazardous Decomposition Products: N/A		Material To Avoid: Sulphates and phosphates salts of strontium and barium, strong alkalines and sulphates.	
V I I. Environmental Protection Procedures			
Spill Response: Soak up with inert material.. Flush area with water, do not contaminate water ways. Waste Disposal Method: Comply with your State, Federal and Local guidelines.			
V I I I. Special Protection Information			
Eye Protection: Wear full protective goggles. Respiratory Protection (Specific Type) NIOSH of ammonia Other Protection: Do not inhale spray fumes. Skin Protection: Wear overalls, 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. Do not store near food, food containers, pet food, cartons etc. Store in a cool but dry place. Other Precautions: Keep out of reach of children and pets. 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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