



SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

FIRMRITE SPRAY CAL N

Material Safety Data Sheet

Date last revised 3rd November 2004

I. General Information

Chemical Name & Synonyms: Liquid blend of Calcium nitrate.	Trade Name & Synonyms: Spray Cal N
Chemical Family: Liquid Fertilizer.	Formula: 12 - 0 - 0, Calcium 19%
Proper DOT Shipping Name: N/A	DOT Hazard Classification: Non Classified.
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	None

III. Physical Data

Boiling Point (°C) 100°C approx	Specific Gravity (H₂O=1) 1.442 ± 0.005
Vapour Pressure (mm Hg.) As that of water	Percent Volatile By Volume (%) N/A
Solubility in Water: Completely soluble	Evaporation Rate (_____ =1) N/A
Appearance & Odour: Clear purple liquid with little odour.	PH 4.3-4.4

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 and carbondioxides.		
Special Fire Fighting Procedures: Wear full protective gear and isolate the area.		
Unusual Fire & Explosion Hazards: May evolve oxides of nitrogen and ammonia.		

N/A – Not Applicable



SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

V. Health Hazard Data

OSHA Permissible Exposure Limit:

Not determined

Carcinogen-NTP Program:

N/A

Symptoms of Exposure:

Irritate skin, eyes and upper respiratory tract, redness and pain.

Medical Conditions Aggravated by Exposure:

Irritate gastrotestinal tract, causing nausea, vomiting and diarrhoea.

Primary Route(s) of Entry:

Damaged skin, wounds 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:

Very low temperature.

Material To Avoid:

Sulfur salts, strong alkalies and acids and reducing agents.

Hazardous Decomposition Products:

None

V I I. Environmental Protection Procedures

Spill Response:

Soak up with inert material. Flush area with water, do not contaminate drains.

Waste Disposal Method:

Comply with your State, Federal and Local Governments.

V I I I. Special Protection Information

Eye Protection:

Wear full protective goggles, flush eyes with cold fresh water.

Respiratory Protection (Specific Type)

Half face piece respirator fitted with AB Aus P2 filter.

Other Protection:

Wear overalls to protect contamination of clothes.

Skin Protection:

PVC gloves.

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 warm place, if crystallized add water.

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 with concentrate and water bodies.

N/A – Not Applicable

DISCLAIMER STATEMENT: All information in this data sheet or by our representative is compiled from the best knowledge available to us at the time of preparation. However, since data, safety standards and government regulations are subject to change and since the conditions of handling and use or misuse are beyond our control, we make no warranty, either expressed or implied, with respect to the completeness or accuracy of the information contained herein. Foliar Fertilizers Pty Ltd accepts no responsibility whatsoever for the accuracy of any data contained herein or for any result which may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our representatives.