



SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

SECURE CAN 25

Material Safety Data Sheet

Date last revised 17/9/2007

I. General Information

Chemical Name & Synonyms:
Liquid blend of NITROGEN and CALCIUM

Chemical Family: Liquid NPK Fertilizer

Proper DOT Shipping Name: N/A

Manufacturer:
Foliar Fertilizers Pty Ltd
Manufacturer's Address:
Gillman, Adelaide, South Australia

Trade Name & Synonyms: Secure CAN 25

Formula: 25-0-0, 13Ca

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

Percent:

NONE

Threshold Limit Value (units)

NONE

III. Physical Data

Boiling Point (°C) As of water

Specific Gravity (H₂O=1) 1.420 ± 0.010

Vapour Pressure (mm Hg.) As of water

Percent Volatile By Volume (%) none

Solubility in Water: Complete

Evaporation Rate (_____ =1)

Appearance & Odour: Green free flowing liquid with light ammoniacal odour

pH 5-5.5

IV. Fire & Explosion Hazard Data

Flash Point (Test Method) N/A

Auto Ignition Temperature:

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Use water spray if caught in fire

Special Fire Fighting Procedures: Isolate the area, wear full protective gear including gas mask.

Unusual Fire & Explosion Hazards: May evolve oxides of nitrogen and ammonia.

N/A – Not Applicable



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| V. Health Hazard Data | | | | | | |
|--|---|--------|----------|--|--------|--|
| <p>OSHA Permissible Exposure Limit: Not determined</p> <p>Carcinogen-NTP Program: N/A</p> <p>Symptoms of Exposure: Headache, nausea, vomiting, skin sensitization and redness.</p> <p>Medical Conditions Aggravated by Exposure: Respiratory tract and gastro-intestinal irritation, vomiting, headache, diarrhoea, and abdominal cramps.</p> <p>Primary Route(s) of Entry: Damaged skin, and inhalation of 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: N/A</p> | | | | | |
| V I. Reactivity Data | | | | | | |
| <table border="1"> <tr> <td rowspan="2" style="text-align: center;">Stability</td> <td style="text-align: center;">X</td> <td style="text-align: center;">Unstable</td> </tr> <tr> <td></td> <td style="text-align: center;">Stable</td> </tr> </table> <p>Hazardous Decomposition Products: None</p> | Stability | X | Unstable | | Stable | <p>Conditions To Avoid: Extremes of temperatures</p> <p>Material To Avoid: Metal sulfates, phosphate salts and thiosulfates. Strong alkalis.</p> |
| Stability | | X | Unstable | | | |
| | | Stable | | | | |
| V I I. Environmental Protection Procedures | | | | | | |
| <p>Spill Response: Soak up with an inert material, confine the spill with sand. Wash the area with water but do not let it drain into the sewerage system.</p> <p>Waste Disposal Method: Comply with your local, state or federal laws.</p> | | | | | | |
| V I I I. Special Protection Information | | | | | | |
| <p>Eye Protection: Wear goggles while spraying/handling. Wash eyes with cold fresh water.</p> <p>Respiratory Protection (Specific Type) Wear gas mask as recommended for ammonia</p> <p>Other Protection: Wear overalls and work boots</p> <p>Skin Protection: Wear rubber/PVC gloves</p> <p>Ventilation Recommended: Natural</p> | | | | | | |
| I X. Special Precautions | | | | | | |
| <p>Hygienic Practices in Handling & Storage: Do not store near food, feed and fodder items. Store in a cool and dry place in the original container. Wash hands after use. Keep out of reach of children and pets.</p> <p>Other Precautions: Do a compatibility test, if mixing with other chemicals. Water it down before adding to other chemicals. For efficacy trial with other products, spray and/or fertigate a small area first to see any adverse effects.</p> | | | | | | |
| X. Environmental Information | | | | | | |
| <p>Do not contaminate water bodies as this product may prove harmful to the aquatic life.</p> | | | | | | |

N/A – Not Applicable

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