



SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

BRANCHIT

Material Safety Data Sheet

Date last revised **11th September 2008**

I. General Information

Chemical Name & Synonyms:

Liquid blend of plant growth promotors with lignosulfonate chelates of zinc, manganese and copper

Chemical Family:

Liquid Micronutrient Fertilizer

Proper DOT Shipping Name:

N/A

Manufacturer:

Foliar Fertilizers Pty Ltd

Manufacturer's Address:

52 Bedford Street, Gillman, South Australia 5013

Trade Name & Synonyms:

Branchit

Active ingredients:

Growth factors, 1% manganese, 1% zinc, 2% copper, 1% sulfur

DOT Hazard Classification:

N/A

Manufacturer's Phone Numbers:

Phone: 08 8447 7266 Fax: 08 8240 1844 – Head Office

0438 897 977 – Product Chemist

0407 606 409 – Brett Kearsley

II. Ingredients

Hazardous Components:

None

Percent:

None

Threshold Limit Value (units)

None

III. Physical Data

Boiling Point (°C)

100°C approx.

Vapour Pressure (mm Hg.)

As of water

Solubility in Water:

Complete

Appearance & Odour:

Dark brown mobile liquid with mild inoffensive woody odour.

Specific Gravity (H₂O=1)

1.15 approx.

Percent Volatile By Volume (%)

N/A

Evaporation Rate (_____ =1)

N/A

pH

7 – 8

IV. Fire & Explosion Hazard Data

Flash Point (Test Method)

Non flammable

Flammable Limits:

N/A

Extinguishing Media:

Water sprays and carbon dioxide

Special Fire Fighting Procedures:

Wear full protective gear and isolate the area.

Unusual Fire & Explosion Hazards:

May evolve oxides of sulfur and nitrogen

Auto Ignition Temperature:

N/A

LEL:

N/A

UEL:

N/A

N/A – Not Applicable



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V. Health Hazard Data

OSHA Permissible Exposure Limit:

Not determined

Carcinogen-NTP Program:

N/A

Symptoms of Exposure:

Nausea, headache, pain and gastrointestinal dysfunction.

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:

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:

N/A

Hazardous Decomposition Products:

N/A

Material To Avoid:

Calcium, strontium and barium salts, phosphoric acid and phosphates. Strong acids and alkalis. Cast iron.

V I I. Environmental Protection Procedures

Spill Response:

Soak up with inert material. Flush area with water. Do not contaminate waterways.

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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