



# SprayGro Liquid Fertilizers

A.B.N. 47 007 974 496

## GRIPPER TRACE 9

### Material Safety Data Sheet

Date last revised 17/9/2007

#### I. General Information

**Chemical Name & Synonyms:**

Liquid blend of EDTA chelated trace elements

**Chemical Family:** Liquid Chelated Trace Element Fertilizer

**Proper DOT Shipping Name:** N/A

**Manufacturer:**

Foliar Fertilizers Pty Ltd

**Manufacturer's Address:**

Gillman, Adelaide, South Australia

**Trade Name & Synonyms:**

Gripper Trace 9

**Formula:** 0.6-0-0, 3%Zn,5%Mn,1%Cu,0.05Fe,0.2%B,0.02Mo,0.04Co, 3.8%S

**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 (H<sub>2</sub>O=1)** 1.25±0.010

**Vapour Pressure (mm Hg.)** As of water

**Percent Volatile By Volume (%)** none

**Solubility in Water:** Complete

**Evaporation Rate (\_\_\_\_\_ =1)**

**Appearance & Odour:** Greenish Blue free flowing liquid with light odour

**pH** 2-2.5

#### 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 sulphur and traces of ammonia.

# N/A – Not Applicable



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## V. Health Hazard Data

**OSHA Permissible Exposure Limit:** Not determined

**ACGIH Threshold Limit Value:** N/A

**Carcinogen-NTP Program:** N/A

**Carcinogen-IARC Program:** N/A

**Symptoms of Exposure:** Headache, nausea, vomiting, skin sensitization and redness.

**Medical Conditions Aggravated by Exposure:** Respiratory tract and gastro-intestinal irritation, vomiting, headache, diarrhoea, and abdominal cramps.

**Primary Route(s) of Entry:** Damaged skin, and inhalation of 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.

## V I. Reactivity Data

<b>Stability</b>		Unstable
	X	Stable

**Conditions To Avoid:** Extremes of temperatures

**Hazardous Decomposition Products:**  
None

**Material To Avoid:** Salts of calcium, alkaline material and thiosulfates.

## V I I. Environmental Protection Procedures

**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.

**Waste Disposal Method:** Comply with your local, state or federal laws.

## V I I I. Special Protection Information

**Eye Protection:** Wear goggles while spraying/handling. Wash eyes with cold fresh water.

**Respiratory Protection (Specific Type)** Wear gas mask as recommended for ammonia

**Other Protection:** Wear overalls and work boots

**Skin Protection:** Wear rubber/PVC gloves

**Ventilation Recommended:** Natural

## I X. Special Precautions

**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.

**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.

## X. Environmental Information

Do not contaminate water bodies as this product may prove harmful to the aquatic life.

# N/A – Not Applicable

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