



# MATERIAL SAFETY DATA SHEET

## Trace-It Total

Date of Issue: January 01, 2011

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

**Product Name:** Trace-It Total

**Recommended Use:** Complete micronutrient product for prevention and correction of trace element deficiencies

**Supplier:** Campbells Fertilisers Australasia

**Address:** 18 Raymond Road, Laverton North, Victoria, 3026

**Telephone:** (03) 9931 2211

**Facsimile:** (03) 9931 2201

**Website:** [www.campbellsfert.com.au](http://www.campbellsfert.com.au)

**Emergency Telephone Number:** (03) 9931 2211 (business hours only 8.30 am to 5.00 pm)

### 2. HAZARDS IDENTIFICATION

#### HAZARDOUS SUBSTANCE - DANGEROUS GOOD

**Hazard Designation:** Classified as a Hazardous Substance according to the criteria of NOHSC  
Xi Irritant  
Repr. Cat. 2

**Risk Phrases:** R41 Risk of serious eye damage.  
R60 May impair fertility.  
R61 May cause harm to the unborn child.

**Safety Phrases:** S2 Keep out of reach of children.  
S22 Do not breathe dust.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S39 Wear eye/face protection.  
S46 If swallowed, seek medical advice immediately and show the container or label.  
S53 Avoid exposure - obtain special instructions before use.  
S60 This material and its container must be disposed of as hazardous waste.  
S61 Avoid release to the environment.

**ADG Classification:** Classified as a Dangerous Good according to the Australian Dangerous Goods Code  
Class 9 Miscellaneous Dangerous Good

**SUSDP Classification:** Schedule 6

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/w):
<b>Components vary between products – see label for specific content information</b>		
Boric Acid	10043-35-3	8-10
Copper Sulphate	7758-99-8	2
Zinc Sulphate	7446-19-7	10-12
Manganese Sulphate	10034-96-5	9-11
Other Non-Hazardous Components	-	To 100%

### 4. FIRST AID MEASURES

#### Symptoms of Exposure

- Inhalation:** Inhalation of dust may result in respiratory irritation
- Skin Contact:** Will cause mild skin irritation. May cause an allergic skin reaction.
- Eye Contact:** May cause serious eye damage
- Ingestion:** Toxic if swallowed

#### First Aid Actions

If exposed, concerned or if symptoms persist: Get medical attention/ advice.

If medical advice is need, have product container or label at hand.

- Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing.
- Skin Contact:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention or advice.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Centre or doctor/ physician.
- Ingestion:** Rinse mouth. Drink several glasses of water. Call a Poison Centre or Doctor. Do NOT induce vomiting.
- First Aid Facilities:** Eyewash.
- Medical Personnel** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

- Type of Hazard:** Not a fire hazard.
- HAZCHEM Code:** 2X
- Extinguishing Media & Methods:** Use methods appropriate to combustible material involved. Fertiliser is soluble in water. Do not allow fertiliser or waste water to enter waterways.

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**Hazards from Combustion Products:** Not known.

**Recommended Protective Clothing:** Fire-fighters to wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**Containment and Clean Up:** Contain and collect spillage. Dispose of contaminated material at an approved landfill or use as prescribed on the label.

**Personal Protection:** See section 8 for appropriate PPE

**Special Requirements:** Use Section 13 for instructions for the disposal of waste/ contaminated material.

### 7. HANDLING AND STORAGE

**Handling:** Wear appropriate PPE as detailed in Section 8.  
Do not handle until all safety precautions have been read and understood.  
Avoid breathing dust or spray. Do not eat, drink or smoke while using this product.

**Storage:** Store locked up in a cool dry place away from foodstuffs. Keep out of reach of children.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Workplace Exposure Standards:** No exposure standards have been set for this substance.

**Engineering Controls:** Use only outdoors or in a well-ventilated area. Avoid generating and inhaling dust. Use with local exhaust ventilation or while wearing dust respirator.

**Personal Protective Equipment:**  
*Specifications for Equipment:*  
 Wear eye/face protection, gloves and protective clothing.  
*General Hygiene:*  
 Do not eat, drink or smoke while using this product.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Wash contaminated clothing before reuse.  
 Wash hands thoroughly after handling.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown powder
<b>Odour:</b>	Mild
<b>Specific Gravity:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable
<b>Freezing/Melting Point:</b>	Not applicable
<b>Solubility:</b>	Soluble in water
<b>pH:</b>	2-4 in solution
<b>Flammability Information:</b>	Not flammable

#### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Generally stable.
<b>Hazardous Polymerisation:</b>	Will not occur.
<b>Conditions to Avoid:</b>	No specific conditions to be noted.
<b>Incompatible Materials:</b>	No specific materials noted.
<b>Hazardous Decomposition Products:</b>	Not known.

#### 11. TOXICOLOGICAL INFORMATION

<b>Toxicity Data:</b>	Calculated Oral LD <sub>50</sub> 1300 mg/kg
<b>Health Effects:</b>	Toxic if swallowed Causes mild skin irritation May cause an allergic skin reaction May cause damage to reproductive organs Causes serious eye damage

#### 12. ECOLOGICAL INFORMATION

<b>Potential Environmental Interactions:</b>	Toxic to aquatic life with long lasting effects Harmful to terrestrial vertebrates Designed as a fertiliser to aid plant growth. Concentrated or excessive release is likely to have a detrimental effect on the environment.
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### 13. DISPOSAL CONSIDERATIONS

**Product Disposal:** Dispose of only by using in accordance with the label instructions or at an approved landfill.

**Container Disposal:** Recycle if possible or render packaging incapable of holding product and dispose of at an approved landfill.

### 14. TRANSPORT INFORMATION

**UN Number:** 3077

**Proper Shipping Name:** Environmentally Hazardous Substance, Solid, NOS

**DG Class and Subsidiary Risk:** 9

**Packing Group:** III

**HAZCHEM Code:** 2X

**Special Precautions:** Do not carry on a passenger service vehicle.

### 15. REGULATORY INFORMATION

**Regulatory Status:** Fertilizers do not require registration in Australia

### 16. OTHER INFORMATION

**Edition:** Initial version

**Revision Due:** 19 February 2015

**Reason for Revision:** -

**Additional Information:** Directions for use are found on the product label.

#### Glossary:

**CAS** Chemical Abstract Services Number, used to uniquely identify chemical compounds

**LD<sub>50</sub>** Lethal dose to kill 50% of test animals or organisms

**NOHSC** National Occupational Health and Safety Commission

**PPE** Personal Protective Equipment

**SUSDP** Standard for the Scheduling of Drugs and Poisons

This MSDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of Campbells Fertilisers, it is the user's responsibility to determine conditions of safe use of the product.

END OF MSDS