



# MATERIAL SAFETY DATA SHEET

## Trace-It Mo

Date of Issue: January 01, 2011

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

**Product Name:** Trace-It Mo

**Recommended Use:** Molybdenum fertiliser to counter molybdenum deficiencies in agriculture

**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 - NON-DANGEROUS GOOD

**Hazard Designation:** Classified as hazardous according to the criteria of NOHSC.

**Risk Phrases:** R36/36 Irritating to eyes and skin.

**Safety Phrases:** Not applicable

**ADG Classification:** This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6<sup>th</sup> Edition.

**SUSDP Classification:** Exempt from Poison Scheduling

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion (%w/w):
<b><i>Components vary between products – see label for specific content information</i></b>		
Phosphoric acid (after partial neutralisation)		<11%
Other ingredients		To 100%

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### 4. FIRST AID MEASURES

*If exposed, concerned or if symptoms persist, get medical attention/advice. If medical advice is needed, have product container or label at hand.*

<b>Inhalation:</b>	Remove to fresh air. Give oxygen if breathing is difficult. Remove contaminated clothing.
<b>Skin Contact:</b>	Wash thoroughly with soap and water.
<b>Eye Contact:</b>	Immediately irrigate with cold water. Remove contact lenses, if present and easy to do. Continue to irrigate for 15 minutes.
<b>Ingestion:</b>	Give plenty of water to drink. DO NOT induce vomiting.
<b>First Aid Facilities:</b>	An eyewash and shower facilities should be available in places of work.
<b>Medical Personnel</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	Use methods suitable to flammable material.
<b>Hazards from Combustion Products:</b>	Oxides of phosphorus and molybdenum
<b>Precautions for Fire Fighters:</b>	Fire fighters to wear self-contained breathing apparatus and full protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Containment and Clean Up</b>	Contain and collect spillage with absorbent material. Repeat before washing area with excess water. Dispose of contaminated material at an approved landfill.
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### 7. HANDLING AND STORAGE

<b>Handling:</b>	Wear appropriate PPE as detailed in Section 8.
<b>Storage:</b>	Store in a locked, cool, dry place away from foodstuffs.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Standards:</b>	TWA 1.2mg/m <sup>3</sup> STEL 4 mg/m <sup>3</sup>
<b>Engineering Controls:</b>	Use only outdoors in a well-ventilated area.
<b>Personal Protective Equipment:</b>	<p><i>Eyes:</i> Safety glasses or goggles.</p> <p><i>Gloves:</i> Wear rubber gloves when handling the product. Always wash hands before smoking, eating, drinking or using the toilet.</p> <p><i>Other:</i> Wear overalls or similar skin protection.</p>
<b>Other Use Precautions:</b>	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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark green viscous liquid.
<b>Odour:</b>	Mild
<b>Vapour Pressure:</b>	Not applicable
<b>Vapour Density:</b>	Not applicable
<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	Not applicable
<b>Solubility:</b>	Soluble in water
<b>Specific Gravity:</b>	1.6
<b>pH:</b>	Typical 3.5
<b>Flash Point:</b>	Not flammable
<b>Flammability (explosive) Limits:</b>	Not available
<b>Auto-Ignition Temperature:</b>	Not available
<b>Octanol/Water Partition Coefficient:</b>	Not available

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Generally stable
<b>Hazardous Polymerisation:</b>	Not known to occur
<b>Conditions to Avoid:</b>	Will react exothermically with strong alkali
<b>Incompatible Materials:</b>	No specific materials noted

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**Hazardous Decomposition Products:** Oxides of phosphorus and molybdenum

### 11. TOXICOLOGICAL INFORMATION

#### POTENTIAL HEALTH EFFECTS

**Inhalation:** May irritate respiratory tract

**Skin Contact:** May cause skin irritation

**Eye Contact:** Causes serious eye irritation

**Ingestion:** May cause serious irritation to mouth, throat, stomach and mucous membranes. May cause nausea.

**Other:** No other known health effects.

#### TOXICOLOGY

**Acute:**

**Oral Toxicity:** LD<sub>50</sub> = 2800 mg/kg (calculated)

**Dermal Toxicity:** Not available

**Inhalation Toxicity:** Not available

**Skin Irritation:** Not available

**Eye Irritation:** Not available

**Sensitisation:** Not available

**Chronic:** No information available

### 12. ECOLOGICAL INFORMATION

**Environmental Fate:** Designed as a fertiliser to aid plant growth. Concentrated or excessive release is likely to have a detrimental effect on the environment.

**Mobility:** No data available

**Persistence / Degradation:** Not biodegradable

**Ecotoxicological Information:** Very slight toxic interaction



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### 13. DISPOSAL CONSIDERATIONS

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

**Contaminated Packaging:** Render packaging incapable of holding product and dispose of at an approved landfill.

### 14. TRANSPORT INFORMATION

**UN Number:** Not applicable

**Proper Shipping Name:** Not applicable

**Class and Subsidiary Risk:** Not classified as Dangerous Goods for transport by road or rail according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6<sup>th</sup> Edition.

**Packing Group:** Not applicable

**EPG:** Not applicable

**Hazchem Code:** Not applicable

### 15. REGULATORY INFORMATION

**SUSDP:** Exempt from Poison Scheduling

**APVMA:** Exempt from registration

**State Departments of Agriculture / Primary Industries:** Registration not required

**Australian Inventory of Chemical Substances (AICS):** All components listed

### 16. OTHER INFORMATION

**Trademark Information:**

**Preparation Information:** Prepared by Campbells Fertilisers Australasia

**Data Sources:** Supplier MSDS

END OF MSDS