



MATERIAL SAFETY DATA SHEET

Triple Trace

Date of Issue: January 01, 2011

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: Triple Trace

Recommended Use: Fertiliser for Correction of Zinc, Manganese and Magnesium 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

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
R41 Risk of serious eye damage

Risk Phrases: R41 Risk of serious eye damage.

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.
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

Classification and Type:

Material:	CAS Number:	Proportion (%w/w):
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 mist may result in respiratory irritation
- Skin Contact:** Contact with skin may result in mild irritation
- Eye Contact:** May cause serious eye damage
- Ingestion:** Swallowing may result in nausea, vomiting, diarrhoea and abdominal pain

First Aid Actions

- 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/ 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. Call a Poison Centre or doctor if you feel unwell. Do NOT induce vomiting.
- Workplace facilities:** Eyewash
- Notes for 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. Do not allow fertiliser or waste water to enter waterways.
- Hazards from Combustion Products:** Not known
- Recommended Protective Clothing:** Fire-fighters to wear self-contained breathing apparatus.

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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:	See 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 mist or spray. Do not eat, drink or smoke while using this product.
Storage:	Store in cool place away from foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:	No workplace 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:	<i>Specifications for Equipment:</i> Wear eye/face protection, gloves and protective clothing <i>General hygiene:</i> Do not eat, drink or smoke while using this product. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale pink liquid
Odour:	Mild
Boiling Point:	Not available
Specific Gravity (kg/L):	1.33
Freezing/Melting Point:	Not available
Solubility:	Soluble in water
pH:	2-4
Flammability information:	Not flammable

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10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Calculated Oral LD ₅₀ 5600 mg/kg
Health Effects:	Causes mild skin irritation May cause damage to neurological and hematopoietic (blood) systems or lungs through prolonged or repeated exposure. Causes serious eye damage)

12. ECOLOGICAL INFORMATION

Environmental Hazard:	Very toxic to aquatic life. May cause long-term adverse effects in the aquatic environment.
Potential Environmental Interactions:	Designed as a fertiliser to aid plant growth. Concentrated or excessive release is likely to have a detrimental effect on the environment.

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:	3082
Proper Shipping Name:	Environmentally Hazardous Substance, liquid, NOS
DG Class and Subsidiary Risk:	9
Packing Group:	III



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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
LD₅₀ 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