



MATERIAL SAFETY DATA SHEET

Solu-Zinc

Date of Issue: January 01, 2011

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

Product Name: **Solu-Zinc**

Recommended Use: **Liquid Fertiliser**

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.
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 Heptahydrate	7446-20-0	21.5% min
Lead (Pb)	-	15 ppm Max
Cadmium (Cd)	-	10 ppm Max
Arsenic (As)	-	10 ppm Max
Insoluble Matter in Water	-	0.05% Max.

4. FIRST AID MEASURES

Symptoms of Exposure

Inhalation: Inhalation of mist may result in respiratory irritation
Skin Contact: Contact with skin may result in slight irritation
Eye Contact: Will not irritate eyes
Ingestion: No details known

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 if required and keep at rest in a position comfortable for breathing.
Skin Contact: Wash with soap and water.
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.
First Aid Facilities: Eyewash.
Medical Personnel: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Type of Hazard: Not a fire hazard.
HAZCHEM Code: None allocated
Extinguishing Media & Methods: All extinguishing material are suitable
Hazards from Combustion Products: None known.

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Recommended Protective Clothing: Fire-fighter must 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: Handle carefully

Storage: Keep cool, dry, undercover and away from foodstuffs.

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:
Eye Protection: Goggles
Hand Protection: Rubber gloves
Body Protection: Working clothing
When handling this product, please observe the usual precautionary measures in place for the handling of chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White crystal

Odour: No data available

Boiling Point: Not relevant

Freezing/Melting Point: Not relevant

Solubility: Soluble in water and alcohol

Specific Gravity: Not applicable

pH: No data available

Flash Point (degC): 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:	None known

11. TOXICOLOGICAL INFORMATION

Toxicity Data:	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