



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Zincflo Liquid Fertilizer
Other Names: None allocated
Product Codes: None allocated
Recommended Use: Trace element seed treatment
Chemical Family: -
Supplier: Chemtura Australia Pty Ltd
ABN: 005 225 507
Street Address: Level 7, 435 King William Street
Adelaide South Australia 5000
Telephone Number: 61 8 8112 0900
Facsimile Number: 61 8 8112 0999
Emergency Telephone: **1800 033 111 (24-hour service)**

2. HAZARDS IDENTIFICATION

Hazard Classification: **NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD**
Classified according to the criteria of the National Occupational Health and Safety Commission (NOHSC).
Risk Phrases: None allocated
Safety Phrases: None allocated
Poisons Schedule: None allocated
Dangerous Goods Class: Not a dangerous good

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Identity	Common Name(s) and Synonym(s)	CAS Number	Proportion by Weight
Zinc	Zinc	-	600g/L

Note: Australian and US Patents apply.

4. FIRST AID MEASURES

Ingestion: If poisoning occurs contact a doctor or Poison Information Centre. Give plenty of water to drink.
Inhalation: Remove to fresh air. If breathing difficulties occur, seek medical advice.
Eye Contact: Hold eye(s) open and flush with water for 15 minutes. Seek medical advice.
Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Seek medical advice.
Advice to Doctor: Treat symptomatically.
First Aid Facilities: Eye wash station.
Additional Information: If poisoning occurs contact a doctor or Poison Information Centre. Phone Australia 131 126; New Zealand 03 4747 000

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Compatible with all types of extinguishing media. Choice of media is governed by other materials
Zincflo Liquid Fertilizer

Media:	present.
Hazards from Combustion Products:	Not flammable. However, in case of fire protect against inhalation of combustion products.
Precautions for Fire fighters and Special Protective Equipment:	Incase of fire, wear full protective clothing and self-contained breathing apparatus.
HazChem Code:	None allocated
Additional Information:	None allocated

6. ACCIDENTAL RELEASE MEASURES

Methods and Materials for Containment and Clean-Up Procedures:	<p>SPILLS: Use personal protective equipment as outlined above. Absorb onto inert material. Transfer into secure containers for proper disposal Wash area with water. Do not reuse the containers for any purpose. If there is a contamination of crops or waterways, advise emergency services or State Department.</p> <p>DISPOSAL: For disposal after spill or accident: Dispose of sealed containers at an approved local waste disposal site.</p>
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7. HANDLING AND STORAGE

Precautions for Safe Handling:	Not classed as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road or Rail. This material is a not a Schedule Poison.
Conditions for Safe Storage:	Store in original container, away from seeds, fertilizers, animal and human foodstuffs. Keep dry and out of direct sunlight. Store below 40°C. Keep containers closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards:	There are no exposure standards allocated by the National Occupation Health & Safety Commission.
Engineering Controls:	Ensure ventilation is adequate. Keep containers closed when not in use.
Personal Protective Equipment (PPE):	Avoid personal contact. When using, do not eat, drink or smoke. Wear cotton overall buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves, face shield and disposable face mask. After use and before eating, drinking, smoking or using the toilet, wash hands, arms and face thoroughly with soap and water. Launder clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pink liquid suspension concentrate
Odour:	-
pH:	9
Melting Point:	-7°C
Boiling Point:	>100°C
Solubility:	Miscible with water in all proportions
Specific Gravity (Water = 1):	1.73
Reactivity:	Avoid extreme temperatures
Flammability limits (%):	Not flammable
Flashpoint:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Not flammable under normal conditions of use
Conditions to Avoid:	Avoid extreme temperatures
Incompatible Materials:	Compatible with all types of extinguishing media
Hazardous Decomposition Products:	No information available
Hazardous Reactions:	No information available

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Acute Health Effects:	ACUTE
	Swallowed: May be harmful if ingest in excessive quantities. Acute oral LD ₅₀ (rat) > 2000 mg/kg
	Eye: May irritate eyes.
	Skin: Non-toxic.
	Inhaled: May be an irritant.
Chronic Health Effects:	CHRONIC None known where product is used under conditions of good hygiene.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Care should be taken not to contaminate water courses with high concentrations, and local authorities should be consulted before disposal of significant quantities.
Persistence/Degradability:	No information available
Mobility:	No information available

13. DISPOSAL CONSIDERATIONS

Disposal Method(s):	For disposal after intended use: Triple or preferably, pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. For disposal after spill or accident: Dispose of sealed containers at an approved local waste disposal site.
Precautions for Landfill or Incineration:	If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

UN Number:	None allocated
UN Proper Shipping Name:	None allocated
DG Class & Subsidiary Risk:	None allocated
Packing Group:	None allocated
EPG/GTEPG:	None allocated
Special Precautions for User:	None allocated
HazChem Code:	None allocated
Other Information:	None allocated

15. REGULATORY INFORMATION

Poisons Schedule:	None allocated
Additional Information:	Heavy metal concentration in the end-use product meets current Australian legislative requirements for fertilizer/trace element products.

16. OTHER INFORMATION

Date of Preparation:	September, 2007
Revision Date:	August, 2008
Revision Number:	1
Revision Summary:	Rev 1- Update of Chemtura contact details
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~END OF SAFETY DATA SHEET~