

## Trace-it Zinc Chelate™

### Section 1: Identification of the Substance or Mixture and of the Supplier

<b>Product name:</b>	Trace-it Zinc Chelate™
<b>Recommended use:</b>	A concentrated zinc EDTA solution to correct Zinc deficiencies.
<b>Company details:</b>	Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
<b>Telephone:</b>	+64 4 237 0905
<b>Email:</b>	grochem@grochem.com
<b>Emergency telephone:</b>	New Zealand 0800 CHEMCALL – 24 hours (0800 243 6225)  Australia 1800 127 406 Other locations +64 4 917 9888  or The National Poisons Centre 0800 POISON (0800 764 766)
<b>Date of preparation:</b>	11 July 2017
	Please read safety data sheet and label before use Keep out of reach of children

### Section 2: Hazards Identification

<b>Hazard classification (Transport):</b>	Not a Dangerous Good for transport.
<b>Hazardous substances (HSNO):</b>	6.1E (Warning: Harmful if swallowed, in contact with skin or if inhaled) 6.4A (Warning: Causes eye irritation)

### Section 3: Composition/Information on Ingredients

**Classification & type: Mixture**

Material	CAS No.	Proportion (%w)
Zinc EDTA Chelate	12519-36-7	40
Other ingredients not contributing to hazardous class		to 100

#### Section 4: First Aid Measures

<b>Symptoms of exposure:</b>	No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms that may arise if the product is mishandled are:
If Swallowed	May cause nausea and vomiting.
If in Eyes	Causes irritation.
If on Skin	May cause slight irritation.
If Inhaled	May cause irritation.
<b>First aid actions:</b>	Call a POISON CENTRE or doctor/physician if you feel unwell. If medical advice is needed, have product container or label at hand.
If Swallowed	Rinse mouth with water.
If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.
If on Skin	Wash with soap and water.
If Inhaled	Remove to fresh air. Seek medical attention if symptoms of irritation persist.
<b>Workplace facilities:</b>	Eyewash should be available.
<b>Notes for medical personnel:</b>	Treat symptomatically.

#### Section 5: Fire Fighting Measures

<b>Type of Hazard:</b>	Not flammable.
<b>HAZCHEM code:</b>	N/A
<b>Combustion products:</b>	Possible production of nitrogen oxides.
<b>Extinguishing media &amp; methods:</b>	Use media suitable to flammable material. Contain spillage or dilute with a large excess of water and wash away.
<b>Recommended protective clothing:</b>	Self contained breathing apparatus and full protective clothing is recommended.

#### Section 6: Accidental Release Measures

<b>Personal protection:</b>	See Section 8.3 for appropriate PPE.
<b>Containment and clean up:</b>	Contain spillage with absorbent material. Collect and reuse if possible.
<b>Special requirements:</b>	See Section 13 for instructions for the disposal of waste/contaminated material.

## Section 7: Handling and Storage

<b>Subsection 1:</b>	<b>Handling</b>
Handling practices	Wear appropriate PPE as detailed in Section 8.3. Use good hygiene practices. Keep out of reach of children. Read label before use.
<b>Subsection 2:</b>	<b>Storage</b>
Site requirements	Store in a cool location away from foodstuffs.
Packaging	No particular packing requirements exist. Maintain label information with package.

## Section 8: Exposure Controls/Personal Protection

<b>Subsection 1:</b>	<b>Workplace Exposure Guidelines (may also be considered in section 2)</b>
Exposure standards	No exposure standards have been set for this product.
<b>Subsection 2:</b>	<b>Engineering Controls</b>
Exposure control measures	Use in a well ventilated area.
<b>Subsection 3:</b>	<b>Personal Protective Equipment (PPE)</b>
Detail specifications for equipment	Wear rubber or other impermeable gloves and safety goggles.
General hygiene	Wash hands and exposed skin after use. Contaminated clothing should be washed before reusing.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Off white liquid	<b>pH</b>	4-6
<b>Odour</b>	Mild	<b>Boiling point (degC)</b>	Not available
<b>Specific gravity (kg/L)</b>	1.25	<b>Freezing point (degC)</b>	Not available
<b>Solubility</b>	Infinite in water	<b>Flashpoint (degC)</b>	Not flammable

## Section 10: Stability and Reactivity

<b>Stability of substance:</b>	Stable under normal circumstances.
<b>Conditions to avoid:</b>	None known.
<b>Material to avoid:</b>	None known.
<b>Hazardous decomposition products:</b>	May produce nitrogen oxides.
<b>Hazardous polymerization:</b>	Will not occur.

**Section 11: Toxicological Information**

**Data and interpretation:** LD50 (calculated) 4405mg/kg.  
See Section 2 for general hazard information.

**Section 12: Ecological Information****Potential environmental interactions:**

Data organization	LD50 (calculated) 4405mg/kg.
Environmental risk phrases	None determined.

**Section 13: Disposal Considerations**

**Product disposal:** Use as directed on the label or consult with your supplier or local council on appropriate disposal.

**Container disposal:** Triple rinse container and deposit at a local Agrecovery collection depot  
[www.agrecovery.co.nz](http://www.agrecovery.co.nz)

**Section 14: Transport Information**

<b>UN number:</b>	N/A
<b>DG class and subsidiary group:</b>	N/A
<b>Proper shipping name:</b>	N/A
<b>Packing group:</b>	N/A
<b>HAZCHEM code:</b>	N/A
<b>Special precautions:</b>	Do not carry more than 5L on a passenger service vehicle.

**Section 15: Regulatory Information**

**Regulatory status:** Approved under the HSNO Act (1996) under the Fertiliser (Subsidiary Hazard) Group Standard 2006. HSR002571. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.

**HSNO Controls:** Trigger quantities for this substance:  
SDS must be available for 50L

**Section 16: Other Information**

**Revision due:** 11 July 2022.

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

**Glossary:**

CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds
HSNO	Hazardous Substances and New Organisms (legislation 1996)
LD50	Lethal Dose fatal to 50% of test animals/organisms
PPE	Personal Protective Equipment

This SDS 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 GroChem, it is the user's responsibility to determine conditions of safe use of the product.