

# ZINC CHELATE

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : **ZINC CHELATE**

Supplier Details : Deosan New Zealand Ltd.  
20 Seddon Street, Waharoa  
Telephone: 0800 336 726 (0800 DEOSAN)  
Email: [info@deosan.co.nz](mailto:info@deosan.co.nz)

Product & Sales Enquiries : 0800 336 726 (0800 DEOSAN)

Emergency Contact Numbers: **Company contact:**  
0800 DEOSAN (0800 336 726)  
**Specialist Advice: 24 hour Emergency Response**  
0800 CHEMCALL (0800 243 622)  
**Medical Advice –National Poisons Centre**  
0800 POISONS (0800 764 766)  
**Ecotoxic Spillage – Call Regional Council Pollution Response Service**

Product Details : Liquid trace mineral supplement for dairy cows

## 2. HAZARDS IDENTIFICATION

Classified as non-hazardous according to criteria of in the Hazardous Substances and New Organisms Act 1996 (HSNO)

HSNO Approval Number: N/A  
UN Number: N/A  
Dangerous Goods Class: N/A  
Packing Group: N/A  
HSNO Classification: N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS- No.	Concentration [%]
Water		<65
Zinc Chelate	14025-21-9	>35

## 4. FIRST AID MEASURES

**If Inhaled:**

Remove to fresh air and keep at rest in a position comfortable for breathing.

**If Swallowed:**

Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

**If in Eyes:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**If on Skin (or Hair):**

Wash with plenty of soap and water. Wash contaminated clothing before reuse,

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## 5. FIRE-FIGHTING MEASURES

**Zinc Chelate** is not flammable.

Fire-fighters should wear full protective clothing suitable for chemical hazards with self contained breathing apparatus

**HAZCHEM Code:** None

## 6. SPILLAGE, ACCIDENTAL RELEASE MEASURES

Wear rubber gloves, gum boots, eye protection, apron.

Bund area to prevent material from entering drains and water ways

Absorb spill with inert material (sand) and shovel into sealable containers for disposal at a registered waste handling facility. Wash contaminated area with copious quantities of water, contain wash water, collect into sealable containers and dispose as above.

## 7. HANDLING AND STORAGE

Read Label Before Use.

**Handling:**

Avoid eye contact, wear safety glasses

Avoid inhalation of mists

**Storage:**

Keep away from children

Keep closed when not in use

Store locked up

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** None

**Engineering Controls** None

**Personal Protective Equipment (PPE)** Safety Glasses, Rubber Gloves, Gum boots, Respirator if spraying

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Specifications

<b>Appearance</b>	Clear Liquid
<b>Odour</b>	Odourless
<b>pH</b>	4.5 – 5.5
<b>Vapour Pressure</b>	n/a
<b>Vapour Density</b>	n/a
<b>Boiling Point</b>	n/a
<b>Freezing Point</b>	n/a
<b>Solubility</b>	Completely in water
<b>Specific Gravity</b>	1.17 – 1.18

## 10. STABILITY AND REACTIVITY

**Stability** Stable

**Reactivity** None

**Hazardous Reactions** None

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## 11. TOXICOLOGICAL INFORMATION

General	
Ingestion	None
Inhalation	None
Skin Contact:	None
Eye Contact:	None

## 12. ECOLOGICAL INFORMATION

DO NOT discharge into the environment.

## 13. DISPOSAL CONSIDERATIONS

Return unwanted product to the manufacturer for disposal or contact the Regional Council for local chemical disposal area details.

Empty container may contain product traces rinse container well while wearing appropriate safety equipment, remove labels, puncture and dispose in Landfill or Incinerator. **DO NOT** reuse container.

## 14. TRANSPORT INFORMATION

UN Number	N/A
Proper Shipping Name	N/A
DG Class	N/A
Packing Group	N/A
Special Precautions	N/A
HAZCHEM Code	N/A

## 15. REGULATORY INFORMATION

EPA Registration Number:	N/A
HSNO Classification:	N/A
HSNO Group Standard Name:	N/A
Approved Handler:	No

## 16. OTHER INFORMATION

<b>Definition:</b>	<b>EPA</b> – The Environmental Protection Authority of New Zealand <b>HSNO</b> – Hazardous Substances and New Organisms Act 1996 <b>MPI</b> – Ministry for Primary Industries <b>pH</b> – Measure of how acidic or alkaline a material is using a 1-14 scale. pH 1 is strongly acidic and pH14 is strongly alkaline. <b>TWA</b> – Time Weighted Average. The average concentration of a chemical in air over the total exposure time – usually an 8-hour workday
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The information on this Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described on the label is the responsibility of the user.