



### Section 1 – Identification of the substance/preparation and the company

**Product Name:** DairyMin® 4 Chelate  
**Company:** Donaghys Ltd  
**Address:** 16 Sheffield Crescent  
PO Box 20 449  
Christchurch  
**Telephone Number:** 0800 942 006  
**Manufacturer Product Code:** AM4C0200  
**Recommended Use:** An animal remedy used to prevent and treat trace element deficiencies in dairy cows by drinking water medication, or by daily oral drenching

### Section 2 – Hazard Identification

**GHS Classifications:** Acute oral toxicity Category 4  
Skin sensitisation Category 1  
Serious eye damage Category 1  
Hazardous to the aquatic environment chronic Category 1  
Hazardous to soil organisms  
Hazardous to terrestrial vertebrates

**GHS Pictograms:**



**Hazard Statements:** H302 Harmful if swallowed  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H411 Toxic to aquatic life with long lasting effects  
H423 Harmful to the soil environment  
H433 Harmful to terrestrial vertebrates

**Prevention Statements:** P102 Keep out of reach of children  
P103 Read label before use  
P261 Avoid breathing fume/gas/mist/vapours/spray  
P264 Wash hands thoroughly after handling  
P270 Do not eat, drink or smoke when using this product  
P272 Contaminated work clothing should not be allowed out of the workplace  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection

**Response Statements:** P101 If medical advice is needed, have product container or label at hand.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 Rinse mouth.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

**IN CASE OF EMERGENCY PHONE**  
**National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)**



**Response Statements:** P363 Wash contaminated clothing before reuse.  
(Continued) P305 + P351 IF IN EYES: Rinse cautiously with water for several  
+ P338 minutes. Remove contact lenses, if present and  
easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or  
doctor/physician.  
P391 Collect spillage.

**Signal Word:** DANGER

**EPA NZ Approval Code:** HSR002521  
Animal Nutritional and Animal Care Products Group Standard 2020

### Section 3 – Composition Information

Chemical Entity	CAS No.	Content [%]
Zinc Glycinate	7214-08-6	<15%
Cobalt Glycinate	14281-74-4	<1%
EDDI Iodine	5700-49-2	0.15%
Sodium Selenate	13410-01-0	<0.5%

### Section 4 – First Aid Measures

**If swallowed:** NEVER give anything by mouth to an unconscious person. Rinse mouth. Do NOT induce vomiting. all a POISON CENTRE 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 so, continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**If on skin:** Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice / attention. Wash contaminated clothing before re-use.

**If inhaled:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, call a POISON CENTRE or doctor / physician.

**If exposed or concerned:** Get medical advice/attention.

**Advice to Doctor:** Treat symptomatically.

**If medical advice is needed, have product container or label at hand.**  
**POISON CENTRE CONTACT: 0800 764 766 (National Poisons Information Centre)**

### Section 5 – Fire-fighting Measures

**Flashpoint:** Not applicable

**Combustion Products:** May evolve toxic gases under extreme fire conditions

**Flammability Limits:** Not applicable

**Protective Equipment:** Breathing apparatus and protective gloves

**Extinguishing Media:** Based on surrounding materials

**Special Fire Fighting Methods:** None

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### Section 6 – Accidental Release Measures

- Spills and Disposal:** Dilute with water and mop up or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Collect spillage.
- Protective Equipment:** Wear protective gloves and face/eye protection
- Environmental Precautions:** Avoid entry into waterways or streams. Prevent washings from entering waterways.

### Section 7– Handling and Storage

- Storage:** Store out of direct sunlight.  
Keep container lid tightly closed.  
Store locked up.  
Keep out of reach of children.
- Handling:** Do not handle until all safety instructions have been read and understood.  
Do not eat, drink or smoke when using this product.  
Do not breathe vapours or spray.  
Wear protective overalls. Gloves and eye/face protection.  
Wash hands thoroughly after handling.  
Wash contaminated clothing before reuse. Contaminated clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Collect spillage.

### Section 8 – Exposure Controls/Personal Protection

**These precautions are suggested for conditions where the potential for exposure to the product exists. Emergency conditions may require additional precautions.**

- Exposure Limits:** Not available
- Protective Equipment:** Observe good workplace practices and avoid contact with skin and eyes. Wear overalls, safety glasses and waterproof gloves when handling. Wear eye / face protection. In case of inadequate ventilation wear respiratory protection.
- Hygiene Precautions:** Do not eat, drink or smoke when using this product.
- Engineering Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value.



### Section 9 – Physical and Chemical Properties

<b>Appearance:</b>	Liquid
<b>Odour:</b>	Slight metallic odour
<b>Specific Gravity:</b>	N/A
<b>pH:</b>	N/A
<b>Vapour Pressure:</b>	N/A
<b>Flash Point:</b>	N/A
<b>Autoignition Temperature:</b>	N/A
<b>Flammability Limits:</b>	N/A
<b>Solubility:</b>	Soluble in water

### Section 10 – Stability and Reactivity

<b>Stability:</b>	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Conditions to Avoid:</b>	None
<b>Materials to Avoid:</b>	None
<b>Hazardous Decomposition Products:</b>	None

### Section 11 – Toxicological Information

**No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label.**

<b>Ingestion:</b>	Product contains low concentrations of minerals known to be acutely toxic. (Selenium, Cobalt). LD <sub>50</sub> (Oral) > 500mg/kg
<b>Inhalation:</b>	Product may cause respiratory irritation, distress or asthma.
<b>Dermal:</b>	Product is a skin irritant and may cause allergic reactions.
<b>Ocular:</b>	Product is strongly irritating to eyes.
<b>Mutagenicity:</b>	No mutagenic effects are known.
<b>Carcinogenicity:</b>	Product is suspected of causing cancer.
<b>Reproductive Effects:</b>	Product is suspected of causing damage to fertility or to the unborn child.
<b>Chronic Effects:</b>	Product causes organ damage through prolonged or repeated exposure.

### Section 12 - Ecological Information

<b>EPA Classification:</b>	Hazardous to the aquatic environment chronic Category 1
<b>Ecotoxicity:</b>	Toxic to aquatic life with long lasting effects
<b>Bioaccumulation:</b>	Product contains bioaccumulative and ecologically persistent ingredients

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### Section 13 – Disposal Considerations

**Product and Container Disposal:**

Preferably dispose of product by use. Triple rinse container and add residue to feed system. Otherwise dispose of product, packaging and waste at an approved landfill or equivalent facility in accordance with local, regional and national environmental regulations. Donaghys is a member of Agrecovery Container Recycling programme. For details on how to correctly prepare your container and collection sites please visit [www.agrecovery.co.nz](http://www.agrecovery.co.nz).

### Section 14 – Transport Information

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Contains Zinc Glycinate, Cobalt Glycinate, Sodium Selenate)  
**UN Number:** 3082  
**DG Class:** 9  
**Subsidiary Risk Class:** None  
**Packing Group:** III  
**HAZCHEM Code:** 3Z

### Section 15 – Regulatory Information

**EPA NZ Registration Code:** HSR002521  
See <http://www.epa.govt.nz> for approval conditions  
**ACVM Approval Number:** Not required

### Section 16 – Other Information

The information in this MSDS is provided in good faith, but no warranty, expressed or implied is made. Contact Donaghys Ltd for more information.

**EMERGENCY CONTACT No.: 0800 764 766 (National Poisons Information Centre)**