



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

**Product Name:** DairyMin 5 Chelate Southland Blend  
**Company:** Donaghys Ltd  
**Address:** 16 Sheffield Crescent  
PO Box 20 449  
Christchurch  
**Telephone Number:** 0800 942 006  
**Manufacturer Product Code:** ACMSC0200 / ACMSC1000  
**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

**HSNO Classes:** 6.1D(Oral), 6.3B, 6.5A, 6.9B (Oral, Inhalation), 8.3A, 9.1A, 9.2C, 9.3B

**GHS Hazard Classifications:** Acute oral toxicity Category 4  
Respiratory sensitisation Category 1  
Specific target organ toxicity – repeated exposure Category 2  
Serious eye damage Category 1  
Hazardous to the aquatic environment chronic Category 1  
Hazardous to soil organisms  
Hazardous to terrestrial vertebrates



**Hazard Statements:**  
H302 - Harmful if swallowed  
H316 - Causes mild skin irritation  
H318 - Causes serious eye damage  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H373 - May cause damage to organs through prolonged or repeated exposure  
H410 - Very toxic to aquatic life with long lasting effects  
H423 - Harmful to the soil environment  
H432 - Toxic to terrestrial vertebrates

**Precaution Statements:**  
P102 - Keep out of reach of children  
P103 - Read label before use  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray  
P264 - Wash hands thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P273 - Avoid release to the environment  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P285 - In case of inadequate ventilation wear respiratory protection

**Signal Word:** DANGER

**EPA NZ Approval Code:** HSR002521

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



### Section 3 – Composition Information

Chemical Entity	CAS No.	Content [%]
Copper Glycinate	13479-54-4	<8%
Zinc Glycinate	7214-08-6	<14%
Cobalt Glycinate	14281-74-4	<0.5%
EDDI Iodine	5700-49-2	0.3%
Sodium Selenate	13410-01-0	<0.7%

### Section 4 – First Aid Measures

<b>If swallowed:</b>	NEVER give anything by mouth to an unconscious person. Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>If in eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so, continue rinsing. If irritation persists, call a POISON CENTRE or doctor / physician.
<b>If on skin:</b>	Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice / attention. Wash contaminated clothing before re-use.
<b>If inhaled:</b>	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.
<b>If exposed or concerned:</b>	Get medical advice/attention.
<b>Advice to Doctor:</b>	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

<b>Flashpoint:</b>	Not applicable
<b>Combustion Products:</b>	May evolve toxic gases under extreme fire conditions
<b>Flammability Limits:</b>	Not applicable
<b>Protective Equipment:</b>	Breathing apparatus and protective gloves
<b>Extinguishing Media:</b>	Based on surrounding materials
<b>Special Fire Fighting Methods:</b>	None

### Section 6 – Accidental Release Measures

<b>Spills and Disposal:</b>	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.
<b>Protective Equipment:</b>	Wear protective gloves and face/eye protection.
<b>Environmental Precautions:</b>	Avoid entry into waterways or streams. Prevent washings from entering waterways.

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### 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.

**Other information:**

### 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

- Appearance:** Blue/Purple liquid
- Odour:** Slight metallic odour
- Specific Gravity:** N/A
- pH:** N/A
- Vapour Pressure:** N/A
- Flash Point:** N/A
- Autoignition Temperature:** N/A
- Flammability Limits:** N/A
- Solubility:** Soluble in water

### Section 10 – Stability and Reactivity

- Stability:** Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- Conditions to Avoid:** None
- Materials to Avoid:** None
- Hazardous Decomposition Products:** None

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### 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>	9.1A
<b>Ecotoxicity:</b>	Toxic to aquatic life with long lasting effects
<b>Bioaccumulation:</b>	Product contains bioaccumulative and ecologically persistent ingredients

### Section 13 – Disposal Considerations

<b>Product Disposal:</b>	If possible, dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 50 cm in a disposal pit specifically marked and set up for this purpose clear of waterways
<b>Container Disposal:</b>	Triple rinse container and add residue to feed system. If circumstances, especially wind direction, permit the empty containers may be burned, otherwise crush and bury in a suitable landfill.

### Section 14 – Transport Information

<b>Proper Shipping Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S
<b>UN Number:</b>	3082
<b>DG Class:</b>	9
<b>Subsidiary Risk Class:</b>	None
<b>Packing Group:</b>	III
<b>HAZCHEM Code:</b>	3Z

### Section 15 – Regulatory Information

<b>EPA NZ Registration Code:</b>	HSR002521 See <a href="http://www.epa.govt.nz">http://www.epa.govt.nz</a> for approval conditions
<b>ACVM Approval Number:</b>	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)**

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