



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

Product Name: DairyMin 5 Chelate
Company: Donaghys Industries Ltd
Address: 16 Sheffield Crescent
PO Box 20 449
Christchurch
Telephone Number: 0800 942 006
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

Hazard Classes:

	6.1D(Oral)	Harmful if swallowed
	6.3B	Causes mild skin irritation
	6.5A	May cause allergy or asthma symptoms or breathing difficulty if inhaled
	6.9B (Oral and inhalation)	May cause damage to organs through prolonged or repeated exposure.
	8.3A	Causes serious eye damage.
	9.1A	Very toxic to aquatic life with long lasting effects
	9.2C	Harmful to the soil environment.
	9.3B	Toxic to terrestrial vertebrates

Prevention statements:

P102	Keep out of reach of children
P103	Read labels before use
P260	Do not breathe 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

EPA NZ Approval Code: HSR002521 Animal Nutritional and Animal Care Products Group Standard 2006

Section 3 – Composition Information

Chemical Entity	CAS No.	Content [%]
Copper Glycinate	13479-54-4	<25%
Zinc Glycinate	7214-08-6	<15%
Cobalt Glycinate	14281-74-4	<1%
EDDI Iodine	5700-49-2	<0.2%
Sodium Selenate	13410-01-0	<0.5%

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



Section 4 – First Aid Measures

- If swallowed:** Rinse mouth. Call a POISON CENTRE or doctor/physician if you feel unwell. If medical advice is needed have product container or label on hand.
- 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 CENTRE or doctor / physician.
- If on skin:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- 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.

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

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.
- 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.
- Handling:** Keep out of reach of children.
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.

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



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.

Other information: 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 work place 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

Section 11 – Toxicological Information

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

Ingestion: Product contains low concentrations of minerals known to be acutely toxic. (Selenium, Cobalt).
LD₅₀ (Oral) > 500mg/kg
Inhalation: Product may cause respiratory irritation, distress or

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



Dermal:	asthma. Product is a skin irritant and may cause allergic reactions
Ocular:	Product is strongly irritating to eyes
Mutagenicity:	No mutagenic effects are known
Carcinogenicity:	Product is suspected of causing cancer
Reproductive Effects:	Product is suspected of causing damage to fertility or to the unborn child
Chronic Effects:	Product causes organ damage through prolonged or repeated exposure

Section 12 - Ecological Information

EPA Classification:	9.1A, 9.2C, 9.3B
Ecotoxicity:	Toxic to aquatic life with long lasting effects Harmful to the soil environment. Toxic to terrestrial vertebrates
Bioaccumulation:	Product contains bioaccumulative and ecologically persistent ingredients

Section 13 – Disposal Considerations

Product and container Disposal:	Preferably dispose of product by use. 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 .
--	---

Section 14 – Transport Information

Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S
UN Number:	3082
DG Class:	9
Subsidiary Risk Class:	None
Packing Group:	III
HAZCHEM Code:	2X

Section 15 – Regulatory Information

EPA NZ Registration Code:	HSR002521
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 Industries Ltd for more information.

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

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