



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

**Product Name:** Dairy Min 3  
**Company:** Donaghys Industries Ltd  
**Address:** 16 Sheffield Crescent  
PO Box 20 449  
Christchurch  
**Telephone Number:** 0800 942 006  
**Manufacturer Product Code:** AD3XXXX  
**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:**



6.1E May be harmful if ingested/exposed  
6.3A Causes Skin Irritation  
6.4A Causes Serious Eye Irritation



6.5A May cause allergy or asthma symptoms or breathing difficulties if inhaled  
6.5B May cause an allergic skin reaction



6.8B Suspected of damaging human fertility or the unborn child  
6.9B May cause damage to organs through prolonged or repeated exposure  
9.1A Very toxic to aquatic life with long lasting effects

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

**Section 3 – Composition Information**

<b>Chemical Entity</b>	<b>CAS No.</b>	<b>Content [%]</b>
Sodium Selenate	13410-01-0	0.14
Copper Sulfate	7758-98-7	0.9
Cobalt Sulfate	10026-24-1	0.4

**IN CASE OF EMERGENCY PHONE**

**National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)**

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#### Section 4 – First Aid Measures

<b>If Swallowed:</b>	Give milk or water to drink, seek medical attention urgently.
<b>If in eyes:</b>	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing. Immediately 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>Advice to Doctor:</b>	Treat symptomatically.

**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.

#### Section 7– Handling and Storage

<b>Storage:</b>	Store out of direct sunlight. Keep container lid tightly closed. Store locked up. Keep out of reach of children.
<b>Handling:</b>	Do not handle until all safety instructions have been read and understood. Wear eye / face protection. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment.
<b>Other Information:</b>	

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### 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.

<b>Exposure Limits:</b>	Not available
<b>Protective Equipment:</b>	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.
<b>Hygiene Precautions:</b>	Do not eat, drink or smoke when using this product.
<b>Engineering Controls:</b>	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>	Blue-brown liquid
<b>Odour:</b>	No noticeable odour
<b>Specific Gravity:</b>	1.2
<b>pH:</b>	2.1
<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>	Galvanized iron
<b>Hazardous Decomposition Products:</b>	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.

<b>Ingestion:</b>	Product contains low concentrations of minerals known to be acutely toxic. (Selenium, Copper, Cobalt). LD <sub>50</sub> (Oral) > 5000mg/kg
<b>Inhalation:</b>	Product may cause respiratory irritation, distress or asthma.
<b>Dermal:</b>	Product is a mild 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 not 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

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### Section 12 - Ecological Information

**ERMA Classification:** 9.1A  
**Ecotoxicity:** Very toxic to aquatic life with long lasting effects  
**Bioaccumulation:** Product contains bioaccumulative and ecologically persistent ingredients

### Section 13 – Disposal Considerations

**Product Disposal:** 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  
**Container Disposal:** 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

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

### Section 15 – Regulatory Information

**ERMA NZ Registration Code:** HSR002521  
**ACVM Approval Number:** A00XXXX

### 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)**