



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

**Product Name:** Dairy Min 8  
**Company:** Donaghys Ltd  
**Address:** 16 Sheffield Crescent  
PO Box 20 449  
Christchurch  
**Telephone Number:** 0800 942 006  
**Manufacturer Product Code:** AM80200 / AM81000  
**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:** Respiratory sensitisation Category 1  
Skin sensitisation Category 1  
Carcinogenicity Category 2  
Reproductive toxicity Category 2  
Specific target organ toxicity – repeated exposure Category 2  
Serious eye damage Category 1  
Hazardous to the aquatic environment chronic Category 1

**GHS Pictograms:**



**Hazard Statements:** H316 Causes mild skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H351 Suspected of causing cancer  
H361 Suspected of damaging fertility or the unborn child  
H373 May cause damage to organs through prolonged or repeated exposure  
H410 Very toxic to aquatic life with long lasting effects

**Prevention Statements:** P103 Read label before use  
P201 Obtain special instructions before use  
P202 Do not handle until all safety precautions have been read and understood  
P260 Do not breathe dust/fume/gas/mist/vapours/spray  
P261 Avoid breathing fume/gas/mist/vapours/spray  
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



- Prevention Statements:** (Continued)
- P281 Use personal protective equipment as required
  - P285 In case of inadequate ventilation wear respiratory protection
- Response Statements:**
- P304 + P341 IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
  - P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
  - P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
  - P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
  - P363 Wash contaminated clothing before reuse.
  - P308 + P313 IF exposed or concerned: Get medical advice/attention.
  - P314 Get medical advice/attention if you feel unwell.
  - P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P310 Immediately call a POISON CENTER or doctor/physician.
  - P101 If medical advice is needed, have product container or label at hand.
  - P391 Collect spillage.
- Storage:** P405 Store locked up.
- 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 [%]
Sodium Selenate	13410-01-0	0.14
Copper Sulfate	7758-98-7	0.9
Cobalt Sulfate	10026-24-1	0.4
Zinc Sulfate Monohydrate	7446-19-7	2.9
EDDI Iodine	5700-49-2	0.05
Manganese Sulfate	10034-96-5	0.5
Boric acid	10043-35-3	0.02
Chromium Sulfate	12336-95-7	0.01
Fermentation extract		15.0

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



#### Section 4 – First Aid Measures

- If Swallowed:** Give milk or water to drink, seek medical attention urgently.
- If in eyes:** 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.
- 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.
- 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

#### Section 6 – Accidental Release Measures

- Spills and Disposal:** Collect spillage. 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. Keep out of reach of children.
- Handling:** 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.
- Other Information:**

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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.

- 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-brown liquid
- Odour:** Slight molasses odour
- Specific Gravity:** 1.10
- pH:** 3.0 - 3.4
- 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:** Galvanized iron
- Hazardous Decomposition Products:** 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.

- Ingestion:** Product contains low concentrations of minerals known to be acutely toxic. (Selenium, Copper, Cobalt, Iodine)
- Inhalation:** Product may cause respiratory irritation, distress or asthma.
- Dermal:** Product is a mild skin irritant and may cause allergic reactions
- Ocular:** Product is strongly corrosive to eyes and causes serious eye damage

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<b>Mutagenicity:</b>	No mutagenic effects are known
<b>Carcinogenicity:</b>	Product is suspected of being carcinogenic
<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>	Very toxic to aquatic life with long lasting effects
<b>Bioaccumulation:</b>	Product contains bioaccumulative ingredients

#### Section 13 – Disposal Considerations

<b>Product and Container Disposal:</b>	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 <a href="http://www.agrecovery.co.nz">www.agrecovery.co.nz</a> .
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#### Section 14 – Transport Information

<b>Proper Shipping Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains copper sulfate, sodium selenate)
<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
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#### 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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