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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:** AD8XXXX

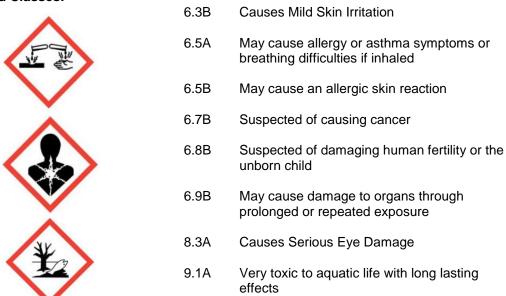
Recommended Use: An animal remedy used to prevent and treat trace

element deficiencies in dairy cows by drinking water

medication, or by daily oral drenching

Section 2 - Hazard Identification

Hazard Classes:



EPA NZ Approval Code: HSR002521 Animal Nutritional and Animal

Care Products Group Standard

2006

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 lodine	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





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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.

Treat symptomatically. Advice to Doctor:

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 May evolve toxic gases under extreme fire conditions

Products:

Flammability Limits: Not applicable

Protective Equipment: Breathing apparatus and protective gloves

Extinguishing Media: Based on surrounding materials None

Special Fire Fighting

Methods:

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

Avoid entry into waterways or streams. Prevent washings from

Precautions: 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:

IN CASE OF EMERGENCY PHONE

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

Version: 0313





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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

ProtectiveObserve 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 Do not eat, drink or smoke when using this product.

Precautions:

Engineering 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 liquidOdour: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 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

Mutagenicity: No mutagenic effects are known

Carcinogenicity: Product is suspected of being carcinogenic

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

Ecotoxicity: Very toxic to aquatic life with long lasting effects **Bioaccumulation:** Product contains bioaccumulative 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.





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Section 14 - Transport Information

Proper Shipping ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

Name: N.O.S. (contains copper sulfate)

UN Number: 3082 DG Class: 9 Subsidiary Risk None

Class:

Packing Group: III HAZCHEM Code: 2X

Section 15 - Regulatory Information

EPA NZ Registration Code: HSR002521

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)