




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

Product Name: Cobalt
Company: Donaghys Ltd
Address: 16 Sheffield Crescent
PO Box 20 449
Christchurch
New Zealand
Telephone Number: 0800 942 006
Recommended Use: An animal remedy used to prevent and treat trace element deficiencies by drinking water medication, or by daily oral drenching

Section 2 – Hazard Identification

Hazard Classes:

6.3B	Causes mild skin irritation.
6.5B	May cause an allergic skin reaction.
6.8B	Suspected of damaging fertility or the unborn child.
6.9B	May cause organ damage through prolonged or repeated exposure.
9.1B	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 fume/mist/spray
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P281	Use personal protective equipment as required.

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

Section 3 – Composition Information

Chemical Entity	CAS No.	Content [%]
Cobalt Sulfate Heptahydrate	10026-24-1	4

Section 4 – First Aid Measures

If Swallowed: Seek medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If irritation occurs: get medical advice /attention.

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



- 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.
- If medical advice is needed have product container or label at hand. If exposed or concerned: Get medical advice/attention.**

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:** Wear overalls, chemical-resistant gloves and safety goggles. Prevent further spillage. By any available means prevent spillage from entering waterways. Contain spill and absorb with sand or other suitable material. Place spillage in a sealable container. Wash down affected area with water and detergent. Absorb and collect washings and place in the same sealable container. Dispose of container according to the regulations of the local authority.
- 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:** Read label before use.
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.

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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 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:	No special engineering controls necessary for normal use.

Section 9 – Physical and Chemical Properties

Appearance:	Red/pink liquid
Odour:	No noticeable odour
Specific Gravity:	1.02-1.10
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 is not acutely toxic, but contains cobalt sulfate in low concentrations. LD ₅₀ (oral) (cobalt sulfate) = 330mg/kg (b.w.)
Inhalation:	Product may cause respiratory irritation
Dermal:	Product is a skin irritant and may cause allergic reactions
Ocular:	Product is not irritating to eyes
Mutagenicity:	No mutagenic effects are known
Carcinogenicity:	Product is not suspected of causing cancer

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Reproductive Effects: Product is suspected of causing damage to fertility or to the unborn child

Chronic Effects: Product may cause organ damage through prolonged or repeated exposure

Section 12 - Ecological Information

EPA Classification: 9.1B

Ecotoxicity: Toxic to aquatic life

Bioaccumulation: Unknown.

Section 13 – Disposal Considerations

Product 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. (contains cobalt sulfate)

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: No ACVM approval required

APVMA Registration Number: No APVMA approval 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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