



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

**Product Name:** RumenZyme Cobalt Plus  
**Company:** Donaghys Ltd.  
**Address:** 16 Sheffield Crescent  
PO Box 20 449  
Christchurch  
**Telephone Number:** 0800 942 006  
**Manufacturer Product Code:** ARZ0005/0020  
**Recommended Use:** An advanced probiotic extract digestion enhancer for sheep / cattle/ deer

### Section 2 – Hazard Identification

**Hazard Classes:** Not a hazardous substance  
**EPA NZ Approval Code:**

### Section 3 – Composition Information

| Chemical Entity                 | CAS No. | Content  |
|---------------------------------|---------|----------|
| Biological fermentation extract |         | 100% w/v |

### Section 4 – First Aid Measures

**If Swallowed:** Rinse mouth, drink plenty of water. If unwell get 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 eye irritation persists, get medical advice/attention.  
**If on skin:** Wash with plenty of soap and water.  
**Advice to Doctor:** Treat symptomatically

**POISON CENTRE CONTACT: 0800 764 766 (National Poisons Information Centre)**

### Section 5 – Fire-fighting Measures

**Flashpoint:** Not flammable  
**Combustion** May produce small quantities of toxic gases in extreme fire conditions  
**Products:**  
**Flammability Limits:** N/A  
**Protective Equipment:** Breathing apparatus and protective gloves and clothing  
**Extinguishing Media:** Based on surrounding materials  
**Special Fire Fighting Methods:** None

### IN CASE OF EMERGENCY PHONE

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



### 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. Wear gloves and eye/face protection.

**Protective Equipment:**

**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 out of reach of children.

**Handling:** Do not handle until all safety instructions have been read and understood. Wear eye / face protection. Avoid unintended release to the environment.

**Other Information:**

### 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:** N/A

**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:** Not applicable

### Section 9 – Physical and Chemical Properties

**Appearance:** Brown liquid

**Odour:** Faint molasses odour

**Specific Gravity:** 1.0 – 1.2

**pH:** 4.0 – 7.0

**Vapour Pressure:** N/A

**Flash Point:** N/A

**Autoignition Temperature:** N/A

**Flammability Limits:** N/A

**Solubility:** Product is an aqueous solution

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### 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>              | Avoid direct sunlight  |
| <b>Materials to Avoid:</b>               | None   |
| <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.

### Section 12 - Ecological Information

|                            |  |
|----------------------------|--|
| <b>EPA Classification:</b> | Not a hazardous substance                                |
| <b>Ecotoxicity:</b>        | None   |
| <b>Bioaccumulation:</b>    | Product is not known to be persistent or bioaccumulative |

### Section 13 – Disposal Considerations

|                            |  |
|----------------------------|--|
| <b>Product Disposal:</b>   | 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 |
| <b>Container Disposal:</b> | Triple rinse container and add residue to spray 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

|                               |                      |
|-------------------------------|----------------------|
| <b>Proper Shipping Name:</b>  | Not a dangerous good |
| <b>UN Number:</b>             | None assigned        |
| <b>DG Class:</b>              | None assigned        |
| <b>Subsidiary Risk Class:</b> | None assigned        |
| <b>Packing Group:</b>         | None assigned        |
| <b>HAZCHEM Code:</b>          | None assigned        |

### Section 15 – Regulatory Information

|                                  |     |
|----------------------------------|-----|
| <b>EPA NZ Registration Code:</b> | N/A |
| <b>ACVM Approval Number:</b>     | N/A |

### 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.

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