



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:
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
Products: conditions
Flammability Limits: N/A
Protective Equipment: Breathing apparatus and protective gloves and clothing
Extinguishing Media: Based on surrounding materials
Special Fire Fighting None
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. 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 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:	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



Section 10 – Stability and Reactivity

Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to Avoid:	Avoid direct sunlight
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.

Section 12 - Ecological Information

EPA Classification:	Not a hazardous substance
Ecotoxicity:	None
Bioaccumulation:	Product is not known to be persistent or bioaccumulative

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 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

Proper Shipping Name:	Not a dangerous good
UN Number:	None assigned
DG Class:	None assigned
Subsidiary Risk Class:	None assigned
Packing Group:	None assigned
HAZCHEM Code:	None assigned

Section 15 – Regulatory Information

EPA NZ Registration Code:	N/A
ACVM Approval Number:	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.

EMERGENCY CONTACT No.: 0800 764 766 (National Poisons Information Centre)