

# VETPAK SAFETY DATA SHEET

## Section 1: Identification of the Substance or Mixture and of the Supplier

**Product Name: Rotagen “Combo”**

**Recommended Use:** As an aid to the prevention and treatment of neonatal scours in calves

**Company Details:** Vetpak Ltd.

**Address:** 249 Bruce Berquist Dr, Te Awamutu 3800.

**Telephone Number:** (07) 870 2024

**Emergency Telephone Number: (0800) 764-766 24 hours** National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand.  
**(07) 870 2024** Vetpak. 8.00am to 5.00pm Monday to Friday except public holidays.

**Date of Revision:** 11<sup>th</sup> July 2019

## Section 2: Hazards Identification

### STATEMENT OF HAZARDOUS NATURE

This product is generally recognized as safe (non-hazardous) IN THIS FORM AND AT THIS STRENGTH. Handle correctly and as directed by this SDS. Food grade ingredients. All appear on the GRAS (Generally Recognised As Safe) Ministry for Primary Industries list except Dried Egg Powder which is a food.

This is the products end use.

### HAZARD LABELLING WARNING

N/A

### HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
N/A				
N/A				

## Section 3: Composition / Information on Ingredients:

### COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
Dextrose anhydrous	50-99-7	30-60	No
Dried egg powder containing specific immunoglobulins	None	30-60	No
Kaolin	1332-58-7	10-30	No
Sodium Bicarbonate	144-55-8	<10	No

# VETPAK SAFETY DATA SHEET

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## Section 4: First Aid Measures:

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**Description of necessary first Aid measures:**

**Swallowed:** None.

**Skin:** None.

**Eye:** Wash repeatedly with running water.

**Inhaled:** Remove source of dust and provide adequate ventilation.

**Workplace Facilities:** Running water, adequate ventilation.

**Required Instructions:** None.

**Notes for Medical Personnel:** General first aid conditions apply. Treat symptomatically.

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## Section 5: Fire Fighting Measures

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**Type of Hazard:** Not flammable

**Fire Hazard Properties:** None.

**Extinguishing Media & Methods:** None.

**Recommended Protective Clothing:** Overalls and boots.

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## Section 6: Accidental Release Methods

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**Procedures to be covered:** Contain spillage, sweep or vacuum spilled material up. Dispose of according to local authority regulations.

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## Section 7: Handling and Storage

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**Handling Practices:** Handle in a well ventilated environment.

**Store Site Requirements:** Store in a cool dark place. Keep out of reach of children.

**Packaging:** Pack securely in sealed plastic bags in the original, labelled container.

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## Section 8: Exposure Controls / Personal Protection

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**Workplace Exposure Standards:** Not applicable.

**Engineering Controls:** Provide adequate ventilation.

**Personal Protective Equipment (PPE):** Dust mask and eye protection optional.



**General hygiene:** Wash hands after use. Launder soiled protective clothing.

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# VETPAK SAFETY DATA SHEET

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## Section 9: Physical and Chemical Properties

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**Appearance (physical state, colour etc.):** Pale yellow to yellow, free-flowing powder

**Odour:**

**pH:**

**Melting Point/Freezing Point (°C):**

**Boiling Point (°C):**

**Flash Point (°C):**

**Flammability:** Not flammable

**Lower Flammability/Explosive Limit:**

**Upper Flammability/Explosive Limit:**

**Auto-ignition Temperature (°C):**

**Vapour Pressure:**

**Vapour Density:**

**Relative Density:**

**Solubility in Water:** Soluble (except ingredient Kaolin, which forms a colloidal suspension)

**Specific Gravity:** (water = 1)

**Viscosity:**

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## Section 10: Stability and Reactivity

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**Stability of the Substance:** Stable.

**Conditions to avoid:** None.

**Material to avoid:** None.

**Hazardous decomposition Products:** None.

**Hazardous polymerization:** Does not occur.

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## Section 11: Toxicological Information

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**Swallowed:** None.

**Skin:** None.

**Eye:** Slight irritation possible

**Inhaled:** None.

**Chronic Effects:** None.

**Carcinogenicity:**

**Mutagenic Effects:**

**Developmental Effects:**

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# VETPAK SAFETY DATA SHEET

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## Section 12: Ecological Information

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### Potential Environmental Considerations:

**Ecotoxicity:** No data.

**Persistence and degradability:** No data.

**Environmental fate:** No information available.

**Bio-accumulative potential:** No information available.

**Mobility in soil:**

**Any other adverse effects:**

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## Section 13: Disposal Considerations

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**Disposal Information:** Dispose of plastic bag and plastic container in approved landfill.

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## Section 14: Transport Information

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**Relevant information:** This product is not classified as hazardous.

**UN Number:** None allocated.

**UN Proper Shipping name:** None allocated.

**UN DG Class:** None allocated.

**UN Packing Group:** None allocated.

**Land Transport:** Not regulated

**Sea Transport:** Not regulated

**Air Transport:** Check current air transport regulations.

**Other Information:** Handle with care. Stack correctly. Transport upright in the original container with the lid tightly closed. Avoid spillage and any release into the environment.

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## Section 15: Regulatory Information

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**HSNO Approval Number:** N/A

**Regulatory status:** Registered pursuant to the ACVM Act, 1997, No. A009928. See [NZ Food Safety ACVM Register](#) for registration conditions.

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## Section 16: Other Information

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### Interpretation and Abbreviations

Controls applying to a substance:

- \* denotes that changes have been made to these controls, further information on these changes is located in the transfer notice for that substance,
- ( R ) abbreviation for the term Regulation of the Hazardous Substances regulations

AICS – Australian Inventory of Chemical Substances

AOX – Absorbable organic halogens.

APF – Assigned Protection Factor.

BOD – Biochemical Oxygen Demand China

COD – Chemical Oxygen Demand

DSL – Canadian Domestic Substances List.

EINECS – European Inventory of Existing Commercial Chemical Substances.

ENCS – Japanese Existing and New Chemical substances.

GRAS – Substances Generally Recognised As Safe. New Zealand Food Safety

Rotagen “Combo”,

11<sup>th</sup> July 2019,

Page 4 of 5



# VETPAK SAFETY DATA SHEET

IARC – International Agency for Research on Cancer.  
IDLH – Immediately Dangerous to Life or Health Concentrations.  
ISHL – Japanese Industrial Safety and Health Law List of Chemicals.  
LOEL – Lowest Observed Effect Level.  
LD<sub>Lo</sub> – Lethal Dose Low (the lowest dosage per unit of bodyweight of a substance known to have resulted in fatality in a particular animal species).  
MAK – Maximum workplace concentration in the workplace air that generally does not have known adverse effects on the health of the employee nor cause unreasonable annoyance when a person is repeatedly exposed during long periods, usually 8 hours daily, 40hour working week).  
NOAA – National Oceanic and Atmospheric Administration.  
NOEC – No Observed Effect Concentration.  
NTP – National Toxicology Program.  
NZIoC – New Zealand Inventory of Chemicals.  
OECD HPV – The Organisation for Economic Co-operation and Development High Product Volume Chemicals.  
PEL – Permissible exposure limit.  
PPE – Personal Protective Equipment.  
Prop 65 – California Proposition 65 List of Chemicals.  
RTECS – Registry of Toxic Effects of Chemical substances  
STEL – Short term exposure limit.  
TOC – Total Organic Carbon.  
TSCA – US Toxic Substances Control Act Existing Chemicals.  
TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.  
VOC – Volatile Organic Compounds.

**Date of Preparation/Review:** 11 July 2019

**Sources of key data used to compile the datasheet:**

Manufacturers SDS  
NZ EPA CCID

**DISCLAIMER**

*The information contained in this safety data sheet was obtained from current and reliable sources. This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.*

**END OF SDS**