

VETPAK SAFETY DATA SHEET

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

Product Name: BOBBY BINDER “PLUS”

Recommended Use: For the treatment of nutritional 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 Review: 10th 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.

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
Kaolin	Mixture	30-60	No
Glycine	56-40-6	<10	Yes 6.1E
Sodium Bicarbonate	144-55-8	<10	No
Vitamins and Minerals (Calf	Mixture	<10	No
Rennet	9042-08-4	<10	No

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Section 4: First Aid Measures:

Swallowed: Give 3 to 4 glasses water. DO NOT INDUCE VOMITTING. Seek medical attention if necessary.

Skin: Flush skin with plenty of water. Wash clothing before reuse.

Eye: Rinse eyes with running water. Remove contact lenses. Continue rinsing for 15 minutes. Seek medical advice if necessary.

Inhaled: If inhaled remove to fresh air. Seek medical attention if necessary.

Workplace Facilities: Eye bath and clean running water.

Notes for Medical Personnel: Treat any symptoms symptomatically.

Section 5: Fire Fighting Measures

Type of Hazard: Not flammable.

Fire Hazard Properties: None known.

Extinguishing Media & Methods: N/A

Recommended Protective Clothing: Use protective clothing suitable for the surrounding fire.

Section 6: Accidental Release Methods

Vacuum or sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust. Seal all wastes in labelled containers for disposal in an authorised landfill. If large quantities of this material enter the waterways contact the local council authority.

Section 7: Handling and Storage

Handling Practices: Handle in accordance with good industrial hygiene and safe practice. Wash thoroughly after handling.

Store Site Requirements: Store in a cool dry, well ventilated area. Keep containers tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: Quartz (crystalline silica) (ingredient of Kaolin) TWA 0.2 mg/m³ Respirable dust

Engineering Controls: Ensure workplace is well ventilated. Breathing must be protected when decanting large quantities of product without local exhaust ventilation.

Personal Protective Equipment (PPE): Wear approved respirator, eye protection, protective gloves and protective clothing.



General hygiene: Do not eat, drink or smoke when handling this product.

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Section 9: Physical and Chemical Properties

Appearance (physical state, colour etc.): Off-white 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: 55 mm Hg at 37 C.

Vapour Density:

Relative Density:

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

Specific Gravity: 0.854 (water = 1)

Viscosity:

Section 10: Stability and Reactivity

Stability of the Substance: The product is stable.

Conditions to avoid:

Material to avoid:

Hazardous Decomposition Products:

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Swallowed: Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting. When ingested, bentonite can swell several times in volume and can produce intestinal obstruction.

Skin: Skin contact may cause dryness. May cause mild irritation in the case of some individuals with sensitive skin.

Eye: Eye contact may cause irritation.

Inhaled: Inhalation may cause drying and irritation of the respiratory tract. Acute aspiration may cause coughing, sneezing and pulmonary oedema.

Chronic Effects: The Kaolin ingredient contains respirable crystalline silica. Repeated exposure to respirable crystalline silica dust may lead to silicosis, a serious lung disease. The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill health have occurred. Silicosis may develop to a more serious degree even after exposure has ceased, and may lead to other diseases including heart disease and scleroderma.

Carcinogenicity: The kaolin ingredient contains respirable crystalline silica as quartz (<10%). Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources has been classified by International Agency for Research on cancer (IARC) as carcinogenic to humans (Group 1). Furthermore, crystalline silica can cause silicosis or other lung diseases on prolonged exposure.

Mutagenic Effects:

Developmental Effects:

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Section 12: Ecological Information

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:

Section 13: Disposal Considerations

Disposal Information: Dispose of in accordance with local and Government regulations.

Section 14: Transport Information

Relevant information: This product is not classified as dangerous goods.

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.

Section 15: Regulatory Information

HSNO Approval Number: N/A

Regulatory status: Dextrose, Rennet and Sodium bicarbonate appear on the GRAS (Generally regarded as safe) list.

This product is exempt from registration, being an oral nutritional compound compliant with S4 of the ACVM regulations 2001.

Section 16: Other Information

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.

IARC – International Agency for Research on Cancer.

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IDLH – Immediately Dangerous to Life or Health Concentrations.
ISHL – Japanese Industrial Safety and Health Law List of Chemicals.
LOEL – Lowest Observed Effect Level.
LD_{LO} – 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: 10 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
