

# 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:** 150 Rickit Road, Te Awamutu.

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

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

**Date of Review:** 8<sup>th</sup> August 2008

## Section 2: Hazards Identification

**Hazards Classification:** Not determined.

## Section 3: Composition / Information on Ingredients:

### INGREDIENTS:

Mixture	CAS Number	Proportion
Dextrose anhydrous	50-99-7	500.050gm/Kg
Glycine	56-40-6	50.005gm/Kg
Kaolin	Mixture	37.538gm/Kg
Rennet	9042-08-4	4.004gm/Kg
Sodium Bicarbonate	144-55-8	50.005gm/Kg
Vitamins and Minerals (IVS Bobby Binder)	Mixture	20.020gm/Kg

## Section 4: First Aid Measures:

**Swallowed:** Do not induce vomiting unless directed to do by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Eye:** Check for and remove any contact lenses. In case of contact immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

**Inhaled:** If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

## Section 5: Fire Fighting Measures



# VETPAK SAFETY DATA SHEET

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**Specific Hazards:** Smoke, fumes and dust may be generated in a large fire.

**Extinguishing Media & Methods:** Use appropriate fire extinguisher for surrounding materials involved in the fire. Do not use water jets.

**Recommended Protective Clothing:** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes, dust or products of combustion.

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## Section 6: Accidental Release Methods

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Wear sufficient respiratory protection and full protective clothing to minimise exposure. 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 subsequent recycling or disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or local Waste Management Authority.

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## Section 7: Handling and Storage

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**Handling Practices:** Ensure an eye bath and clean running water is available and ready to use. 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. Protect from physical damage. Store away from incompatible materials.

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## Section 8: Exposure Controls / Personal Protection

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**Workplace Exposure Standards:** Quartz (crystalline silica) (ingredient of Kaolin) TWA 0.2 mg/m<sup>3</sup> Respirable dust

**Subsection 2: Engineering Controls:** Ensure workplace is well ventilated. Breathing must be protected when decanting large quantities of product without local exhaust ventilation.

**Subsection 3: Personal Protective Equipment (PPE):**

**Respirator:** If engineering controls are inadequate, wear an NIOSH approved respirator.

**Eyes:** Chemical safety goggles.

**Hands:** Wear appropriate protective gloves.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

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## Section 9: Physical and Chemical Properties

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**Specify data for the product not the individual components:**

**Required Specifications:**

Physical State: Powder

Appearance: Off-white powder.

Boiling Point / Melting Point: Not applicable.

Vapour Pressure: Not applicable.

Specific Gravity: Not known.

Flash Point: Not flammable.

Flammability Limits: Not applicable.

Solubility in Water: All of the ingredients are soluble except Kaolin which forms a colloidal suspension.

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# VETPAK SAFETY DATA SHEET

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## Section 10: Stability and Reactivity

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**Stability:** Stable.

**Hazardous polymerization:** Will not occur.

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## Section 11: Toxicological Information

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### Acute Effects:

**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 mechanical irritation.

**Inhaled:** Inhalation may cause the 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 crystobalite 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.

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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.

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## Section 13: Disposal Considerations

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

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## Section 14: Transport Information

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

**U.N. number:** None allocated.

**Shipping name:** None allocated.

**DG Class:** None allocated.

**Packing Group:** None allocated.

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## Section 15: Regulatory Information

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

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## VETPAK SAFETY DATA SHEET

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

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### Section 16: Other Information

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**Additional Information:** National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

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1. The above information has been compiled on the basis of good faith, and our experience from the available technical knowledge and data for this product.
  2. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used.
  3. No responsibility can be accepted for the wrongful or misinterpretation of this data.
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