Phone 07 870 2024
sales@vetpak.co.nz
www.vetpak.co.nz

Version 1.1

Issue date 31/08/2024

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product Identifier

Product Name	Bobby Binder Plus
Other Names	Bobby Binder Plus
Proper Shipping Name	Calf veterinary supplement
Other means of Identification	None

Relevant identified uses of the substance or mixture

Relevant identified uses	For the treatment of nutritional scours in calves.

Details of the supplier of the safety data sheet

Registered company name	Vetpak Limited
Address	249 Bruce Berquist Dr, Te Awamutu 3800.
Telephone	(07) 870 2024
Website	www.vetpak.co.nz
Email	sales@vetpak.co.nz

Emergency telephone numbers

Association/ Organisation	New Zealand National Poison information centre
Emergency telephone number	0800 764 766 (07) 870 2024 Vetpak. 8.00am to 5.00pm Monday to Friday except public holidays.
Other emergency telephone numbers	New Zealand emergency services 111

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification:

This product is not hazardous according to the criteria of the Globally Harmonised System of classification and labelling of chemicals (GHS)

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

CAS Number	% (weight)	Name
50 – 99 – 7	30 – 60%	Dextrose Anhydrous
Mixture	30 – 60%	Kaolin
56 – 40 – 6	< 10%	Glycerine
144 – 55 – 8	< 10%	Sodium Bicarbonate
Mixture	< 10%	Vitamins and Minerals
9042 – 08 – 4	< 10%	Rennet

SECTION 4 – FIRST AID MEASURES

Description of first aid measures

Eye contact	➢ IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. ➢ Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. ➢ If eye irritation persists, get medical advice/attention.
Skin contact	➢ IF ON SKIN: Wash with plenty of soap and water. ➢ Take off contaminated clothing and wash it before reuse. ➢ If skin irritation occurs, get medical advice/attention.
Inhalation	➢ IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. ➢ If respiratory symptoms persist, get medical advice/attention.
Ingestion	➢ IF SWALLOWED: Rinse mouth, then drink a glass of water. Do not induce vomiting. Get medical advice/attention if you feel unwell. ➢ Never give anything by mouth to an unconscious person.
Advice to the doctor	Treat symptomatically and supportively. Most important symptoms and effects, both acute and delayed: None known.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media	➢ Use dry chemical, Carbon dioxide (CO2) ➢ Water spray for extinction ➢ Do not use water jets.

Flammability Conditions	➢ Alert fire brigade and tell location and nature of hazard ➢ Not flammable

Advice for fire fighters

Fire fighting	➢ Alert fire brigade and tell location and nature of hazard ➢ Wear breathing apparatus plus protective gloves in the event of a fire ➢ Prevent spillage from entering the waterways or drains ➢ Consider evacuation (or protect in place) ➢ Fight the fire from a safe distance and adequate cover
Fire/explosion hazard	➢ Not explosive
Special fire fighting hazards	➢ Contain runoff from fire control or dilution water - Runoff may pollute waterways.
Protection Equipment	➢ Wear positive pressure self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firelighter's uniform may provide limited protection.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor spills	➢ Clean up spills immediately ➢ Contain and absorb small quantities with absorbent material
Major spills	➢ Alert fire brigade and tell them location and nature of hazard ➢ Prevent spillage from entering the waterways or drains ➢ Consider evacuation (or protect in place)

Clean Up Procedures	➢ Recover large spills for salvage or disposal. Pick up spills/residues with sand or other non-combustible absorbent material and place into containers for later disposal. Never return spills into original containers for re-use.
Containment	➢ Stop leak if safe to do so - Prevent entry into waterways, drains or confined areas. Dike far ahead of large spill for later disposal.
Decontamination	➢ Clean surface thoroughly to remove residual contamination. Wash hard surfaces with detergent to remove remaining film.
Environment Precaution Measures	➢ Prevent entry into drains and waterways. ➢ Dispose of any absorbent material properly according to local authority regulations

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling

Safe Handling	➢ Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. ➢ Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. ➢ Avoid breathing mist/vapours/aerosols and contact with eyes, skin and clothing. ➢ Do not ingest. Use personal protective equipment as required

Conditions for safe storage, including any incompatibilities

Suitable container	➢ Keep in the original container
Storage incompatibility	➢ Store in a cool, dry and well-ventilated place, out of direct sunlight. ➢ Keep container tightly closed when not in use - check regularly for leaks. ➢ Protect against physical damage. ➢ Keep away from incompatible materials

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

General	For Glycerine mist (CAS No. 56-81-5):- Safe Work Australia Exposure Standard: TWA = 10 mg/m3. New Zealand Workplace Exposure Standard: TWA = 10 mg/m3. The eight-hour time weighted average workplace exposure standard (WES) for respirable crystalline silica (RCS) is 0.05 mg/m^3. (Component of Kaolin)

Exposure controls

Appropriate engineering controls	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Do not eat, drink or smoke when using this product. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
Personal protection	
	➢ Safety glasses with side shields ➢ Chemical goggles

Eye and face protection	➢ Contact lenses may pose a special hazard soft contact lenses may absorb and concentrate materials. ➢ Medical personal should be trained and readily available in the event of chemical exposure; they should begin eye irrigation and remove contact lenses as soon as practicable. Lenses should be removed at the first sign of eye irritation
Skin protection	Wear general protective gloves e.g. light weight rubber gloves
Hand / feet protection	As above for hands; wear appropriate footwear for the environment
Other protection	➢ Overalls ➢ PVC Aprons ➢ PVC protective gear ➢ Eyewash facilities ➢ Ensure there is ready access to a safety shower

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Off white powder	Relative density (Water = 1)	approx. 0.854 (H2O = 1)
Odour	Odourless	Auto ignition temperature	Not available
Odour threshold	Not Available	Decomposition temperature	Not available
pH	No data	Viscosity	Not available
Melting point (^oC)	No data	Molecular weight (g/mol)	Not available
Boiling point (^oC)	No data	Vapour Pressure	55 mm Hg at 37^oC
Flash point (^oC)	No data	Explosive properties	Not explosive
Evaporation rate	No data	Oxidising properties	Not available
Flammability	Not flammable	Volatile component (% vol)	None

SECTION 10 – STABILITY AND REACTIVITY

General Information	Stable under normal conditions of use.
Chemical stability	Stable under normal conditions of use.
Conditions to avoid	None
Incompatible materials	Stable under normal conditions of use.
Hazardous Polymerisation	Hazardous polymerisation will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

General Information	Information on toxicological effects: Acute toxicity: Not classified. Skin corrosion/irritation: Not classified. Serious eye damage/irritation: Not classified. Respiratory/skin sensitisation: Not classified.
Chronic exposure	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.
Germ cell mutagenicity	Not classified
Reproductive toxicity	Not classified

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence/Degradability	Material is expected to breakdown readily in the environment.
Bioaccumulation Potential	Material would be expected to breakdown readily in the environment.
Environmental Impact	No information available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / packaging disposal	➢ Do not allow wash water from cleaning or process equipment to enter drains ➢ It may be necessary to collect all wash water for treatment before disposal ➢ In all case disposal to sewer may be subject to local laws and regulations and these should be considered first ➢ If in doubt contact the responsible authority ➢ Contact manufacturer for recycling options or consult local or regional waste management authority for disposal ➢ Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed

SECTION 14 – TRANSPORT INFORMATION

Labels required

Marine Pollutant	No
HAZCHEM	Not Hazardous

Land transport (ADG)

UN Number	No data available
Packing group	No data available
UN proper shipping name	No data available
Environmental hazard	Not Hazardous
Transport hazard classes	No data available
Special precautions for user	No data available

Air transport (ICAO-IATA / DGR)

UN Number	No data available
Packing group	No data available
UN proper shipping name	No data available
Environmental hazard	Not Hazardous
Transport hazard classes	No data available
Special precautions for user	No data available

Sea transport (IMDG / GGVSee)

UN Number	No data available
Packing group	No data available

UN proper shipping name	No data available
Environmental hazard	Not Hazardous
Transport hazard classes	No data available
Special precautions for user	No data available
Marine Pollutant	No data available

Transport in bulk according to Annex II of Marpol and the IBC Code - Not applicable

SECTION 15 – REGULATORY INFORMATION

Safety, health and environment regulations / legislation specific for the substance or mixture

National Inventory	Status
Australia – AICS	Yes
Europe – EINEC / ELINCS / NLP	Yes
New Zealand – NZIoC	Yes All ingredients are on the inventory
Environmental Protection Authority (New Zealand)	Hazardous Substances and New Organisms Amendment Act 2015
Approval Code	Non Hazardous

SECTION 16 – OTHER INFORMATION

While Vetpak Limited in good faith has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Vetpak Limited accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

New Zealand National Poison Information Centre: 0800 764 766
New Zealand Emergency Services: 111
Vetpak Limited: +64 7 870 2024

Definitions and abbreviations

PC – TWA	Permissible concentration – time weighted average
PC – STEL	Permissible concentration – short term exposure limit
IARC	International agency for research on cancer
ACGIH	American conference of Government Industrial Hygiene
STEL	Short term exposure limit
TEEL	Temporary emergency exposure limit
IDLH	Immediate dangerous to life or health concentration
OSF	Odour safety factor
NOAEL	No observed adverse effect level
LOAEL	Lowest observed adverse effect level
TLV	Threshold limit value
LOD	Limit of detection
OTV	Odour threshold value
BCF	BioConcentration factors

END OF SDS