

MSDS - Material Safety Data Sheet

Vaxsafe[®] IBD Vaccine (living)

BIOPROPERTIES Pty. Ltd.

ACN 007 303 728

36 Charter Street
Ringwood VIC 3134
AUSTRALIA

Telephone: 03 9876 0567
Facsimile: 03 9876 0556
Emergency: 0417 548 879

WORK HAZARD ASSESSMENT

The vaccine is not classified as hazardous to health according to criteria of Worksafe Australia

PRODUCT IDENTIFICATION

Product Name: Vaxsafe[®] IBD Vaccine (living)
Other Names: IBD Vaccine, Infectious Bursal Disease Vaccine (Strain V877)
Product Code: 9803 IBD
UN Number: None allocated.
Dangerous Goods Class/Subsidiary Risk: None allocated.
Hazchem Code: None allocated.
Poisons Schedule Number: None allocated.
Product Type: Poultry vaccine.
Chemical Family: The active ingredient consists of viable Infectious Bursal Disease, (IBD), virus that has been freeze-dried in a protective buffer.
Use: As a vaccine to control virulent IBD in poultry.
Method of use: Administer by drinking water to chickens aged 14 days or older, to infect all chickens in the vaccinated flock.

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance: A freeze-dried pellet of vaccine in a 10 mL clear glass vial that has a white label with a blue band and silver tear-off crimp. Each vial contains either 1,000 or 2,000 doses.

Melting Point: Not relevant.
Boiling Point: Not relevant.
Vapour Pressure: Not relevant.
Volatile materials: Not available.
Specific Gravity: Not relevant.
Flashpoint: Not relevant.
Flammability Limits: Not relevant.
Solubility in Water: Fully miscible.
pH: Not available.

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INGREDIENTS			Worksafe Exposure Limits	
Chemical Name	CAS #	Proportion By volume	ES-TWA mg/m ³	ES-STEL mg/m ³
Specific Pathogen Free, (SPF), chicken embryo homogenate containing IBD virus and added milk powder	None allocated	66%	None allocated	None allocated
Other ingredients determined not to be hazardous	None allocated	34%	None allocated	None allocated

This is a commercial product and the exact ratio of components may vary. Trace quantities of impurities are also likely.

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

- Acute:** No evidence for humans.
- Swallowed:** No evidence for humans.
- Eye:** Following direct exposure, individuals allergic to the milk-derived buffer' (see advice to Doctor), may experience immediate irritation and inflammation.
- Skin:** No evidence for humans.
- Inhaled:** No evidence for humans.
- Chronic:** No evidence for humans.

FIRST AID

- Swallowed:** Rinse mouth with clean, fresh water and swallow some clean water. If symptoms appear, seek medical advice.
 - Eye:** Hold eyes open and gently wash material from them with clean running water. Ensure irrigation under eyelids by lifting them. Do not attempt to remove contact lenses unless trained to do so. If irritation persists, seek medical advice.
 - Skin:** Wash affected area with soap and water. If irritation persists, seek medical advice.
 - Inhaled:** If inhaled in any way, remove person to fresh air and observe until recovered. If irritation or other symptoms persist, seek medical advice.
- First Aid facilities:** No special facilities are required.

ADVICE TO DOCTOR:

The product consists of a freeze-dried preparation of viable IBD virus. The active ingredient is suspended in a physiological buffer containing complex proteins derived from cow's milk. In susceptible individuals, exposure may cause allergy. The product contains no known viable microbes other than the vaccine itself. There is no specific treatment for exposure to Vaxsafe IBD but the literature records no problems to humans during use of this virus in the poultry industry.

Poisons Information Centre: 13 11 26 (anywhere in Australia)

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PRECAUTIONS FOR USE

Exposure Standards: No time weighted average (TWA) has been set. There is a blanket recommendation of 10 mg/m³ for inhaled dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use.

Engineering Controls: In industrial situations, concentrations below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe airborne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

Personal Protection:

Respirator Type: Wear a dust mask when dissolving the pellet in fluid before use.

Glove type: Wear water proof gloves that are thin enough to allow good sensitivity of touch.

Eye protection: Industrial safety glasses giving protection against splash should be worn as a general measure. See AS 1336 and AS/NZS 1337.

Clothing: Wear overalls (see AS 2919) and boots capable of protecting against penetration of liquids (see AS/NZS 2210 - Occupational Protective Footwear).

Other: Always wash your hands after using the product.

Remove obviously-contaminated clothing without delay and wash it and other personal protective equipment before storing or re-use.

Flammability:

Fire Hazards: Not flammable under conditions of use.

Sources of ignition advice: Not relevant.

SAFE HANDLING INFORMATION

Storage And Transport:

Location: Store below -18°C (deep freeze), protected from light.

Security: Keep the vaccine in a secure place, away from food and children.

Temperature Conditions: Store below -18°C (deep freeze).

Protection from weather, sunlight: Keep out of direct sunlight during handling and use.

Storage incompatibilities: Store separately to foodstuffs.

Type of container/Package: Glass vial bottle with rubber stopper and a tear-off closure.

Spills And Disposal:

Clean up spills/leaks: Treat the affected area with hot water (to help inactivate the IBD virus) and mop up while preventing run off from entering drains. In the unlikely event of a significant quantity of material entering drains, advise emergency services.

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Precautions for clean up

crew: Take care not to burn yourself or others via splashes of boiling water.

Disposal of containers: Wrap in paper beforehand.

Disposal method: Mop up liquids and sweep up broken containers. Dispose of solid waste by wrapping in paper prior to disposal in garbage in compliance with local, State and Federal regulations.

Fire And Explosion Hazard:

Hazards of use/storage: Not relevant.

List of dangerous decomposition or combustion products: Not available.

Fire-fighting recommendations: Not relevant.

Types of Extinguisher/Fire-fighting agents: Not relevant.

Precautions: Not relevant.

Protective clothing: Not relevant.

Reactivity: Not relevant.

Hazchem code: None allocated.

OTHER INFORMATION

This MSDS has been prepared in accord with the Worksafe Australia "National Code for Preparation of Material Safety Data Sheets", 1994

CONTACT POINT

Title Technical & Marketing Manager

BIOPROPERTIES Pty Ltd
ACN 007 303 728
36 Charter Street
Ringwood
Victoria 3134, Australia

	Australia	International
Telephone:	03 9876 0567	+61 3 9876 0567
Facsimile:	03 9876 0556	+61 3 9876 0556
Emergency telephone:	0417 548 879	+61 417 548 879
Email:	chris.morrow@bioproperties.com.au	

READ ALL LABELS AND INSTRUCTION LEAFLETS BEFORE USING THIS PRODUCT

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