



Date of preparation:
06 June 2017

SAFETY DATA SHEET

B-Act

Section 1: Identification of the Substance and Supplier

Product Name:	B-Act
ACVM Registration Number:	A11376
Recommended Use:	<i>Used as a direct fed microbial for poultry (broilers, turkeys, and layers) and pigs intended to provide a source of live, naturally occurring microorganisms ensuring stimulation of weight gain and improvement of feed conversion efficiency.</i> <i>An aid in the control of necrotic enteritis in broiler chickens.</i>
Company Details:	AgriHealth NZ Ltd Unit 1.2, 89 Grafton Road, Grafton, Auckland 1010, New Zealand Phone: +64 9 215 1199 Fax: +64 9 984 9455 Website: www.agrihealth.co.nz
Emergency Telephone:	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111

Section 2: Hazards Identification

Classified as not hazardous substance according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Dust may irritate the eyes and respiratory system.

Section 3: Composition / Information on Ingredients

Chemical composition

Preparation of *Bacillus licheniformis* containing a minimum of 3.2×10^9 viable spores CFU (Colony Forming Units) per gram, and calcium carbonate as carrier.

Section 4: First Aid Measures

- General information:** For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor.
- After inhalation:** Remove to fresh air and keep at rest. In case of persistent throat irritation or coughing, seek medical attention and show the physician the packing or the packing label.
- After contact with skin:** In case of contact with skin wash off with water.
- After contact with eyes:** In case of contact with eyes rinse immediately for at least 15 minutes with plenty of water. Remove contact lenses and continue rinsing. If irritation persists, seek medical attention.
- After ingestion:** No special measures necessary.
Rinse mouth thoroughly with water.
- Workplace Facilities:** No special facilities are required.
- Notes for Medical Personnel:** Treat exposed patients symptomatically.

Section 5: Fire Fighting Measures

- Type of hazard:** Non-flammable
- Extinguishing Media and Methods:** Water spray, foam

Section 6: Accidental Release Measures

- Personal precautions:** Avoid dust formulation.
Use personal protective clothing.
- Methods for cleaning up:** Clean equipment with a vacuum cleaner.
Avoid raising dust.
Clean contaminated floors and objects thoroughly, observing environmental regulations.
When picked up, treat material as prescribed under heading "Disposal".

Section 7: Handling and Storage

- Precautions for Safe Handling:** Avoid the formation and deposition of dust.
Provide exhaust ventilation if dust is formed.
- Precautions for protection against fire and explosion**
Take precautionary measures against electrostatic loading. Avoid formation of dust.
Observe the general rules of industrial fire protection.

Storage	Keep only in the original container. Keep container tightly closed, cool and dry.
Approved Handlers:	Not required

Section 8: Exposure Control / Personal Protection

Personal protective equipment	
General protective measures	Do not inhale dust/mist. Avoid contact with eyes and skin.
Hygienic measures	Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. After worktime and during work intervals the affected skin areas must be thoroughly cleaned.
Respiratory protection:	Particle filter half mask, filter P100
Hand protection:	Rubber gloves
Eye protection:	Safety glasses with side protective shield
Skin protection:	Protective clothing

Section 9: Physical and Chemical Properties

Appearance:	Powder
Physical state:	Solid
Color:	White
Boiling point:	No applicable information found
Melting point:	No applicable information found
Vapour pressure:	No applicable information found
Vapour density:	No applicable information found
Relative density:	1.24
Solubility:	Insoluble in water. Spores are suspendable.

Section 10: Stability and Reactivity

Stability:	Stable under normal conditions and recommended use
Conditions to avoid	None known

Section 11: Toxicological Information

Inhalation:	Dust may irritate the respiratory system. Inhalation of high concentrations of dust may cause toxic alveolitis. Symptoms like fever, cold-shivering, coughing, difficulties breathing, headache, muscle and joint pains may appear 6-8 hours after exposure. The symptoms normally disappear completely overnight without any treatment. May contain very small amounts of a sensitizing substance which may cause sensitization by inhalation in sensitive individuals.
Skin contact:	Dust has an irritating effect on moist skin

Eye contact:	Dust in eyes may cause irritation
Ingestion:	May irritate
Specific effects:	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Prolonged exposure to dust/aerosols containing microorganisms may cause allergic alveolitis. This product contains no ingredients listed on the IARC carcinogen list.

Section 12: Environmental Information

The product contains substances which are insoluble in water and will sediment in water systems. The product is not biodegradable.

The harmful effects of the product in the environment are considered to be limited. Not expected to bioaccumulate.

Section 13: Disposal Considerations

Disposal Information: Preferably dispose of the product by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility.

Section 14: Transport Information

Land Transport	Not classified as dangerous goods for transport under NZ Standard 5433:2007 Transport of Dangerous Goods on Land.
Air Transport	Not classified as dangerous goods for transport under International Civil Aviation Organisation and International Air Transport Association regulations
Sea Transport	Not classified as dangerous goods for transport under International Maritime Organisation regulations
UN Number	N/A
Proper Shipping Name	N/A
DG Class	N/A
Subsidiary Risk	N/A
Packing Group	N/A
HAZCHEM Code	N/A
Marine Pollutant	No

Section 15: Regulatory Information

Regulatory Status: Registered pursuant to the ACVM Act 1997, No. A11376
See www.foodsafety.govt.nz for registration conditions.

HSNO and ACVM Controls: N/A

List Exposure Limits: None set

Section 16: Other Information

Additional Information: For product information see the AgriHealth website:
www.agrihealth.co.nz

Date of preparation: 06 June 2017

Due for revision within 5 years.

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