



## SAFETY DATA SHEET

According to  
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

### Section 1. Identification of the material and the supplier

Product: **BaciMax 150 Granular**  
 Product Use: For the prevention and treatment of necrotic enteritis (Clostridium perfringens types A and C) in pigs and poultry.  
 Restriction of Use: Refer to Section 15

New Zealand Supplier: **Agrihealth NZ Limited**  
 Address: Level 2, 89 Grafton Road, Auckland 1010

Telephone: +64 9 215 1199  
**Emergency No: 0800 764 766 (National Poisons Centre)**

Date of SDS Preparation: 22 December 2023

### Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: HSR007846**

#### Pictograms



Sensitisation

Signal Word: **Warning**

GHS Category	Hazard Code	Hazard Statement
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions
P261	Avoid breathing dust
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective clothing as detailed in Section 8

Response Code	Response Statement
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention
P362 + P364	Take off contaminated clothing and wash it before reuse

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

### Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER
Zinc bacitracin	150g/kg	1405-89-6
Calcium Carbonate	To bal	471-34-1
Non-hazardous ingredients	8 - 10 g/kg	Proprietary

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: get medical advice/attention.
If Swallowed	Wash out mouth thoroughly with water. Do not induce vomiting. Never give anything to the mouth of an unconscious person. Seek medical attention if needed.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

#### Most important symptoms and effects, both acute and delayed

Symptoms:

<b>Ingestion:</b>	May be harmful if swallowed
<b>Inhalation:</b>	May be harmful if inhaled. May be irritating to the mucous membranes of the upper respiratory tract
<b>Skin:</b>	May cause an allergic skin reaction
<b>Eye:</b>	May cause eye irritation

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non-Flammable
<b>Hazards from products</b>	No data available
<b>Suitable Extinguishing media</b>	Water spray, dry powder, carbon dioxide, or foam
<b>Precautions for firefighters and special protective clothing</b>	Wear full protective clothing and self-contained breathing apparatus (SCBA)
<b>HAZCHEM CODE</b>	<b>None Allocated</b>

### Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Restrict access to contaminated area.

Retrieve intact containers from site. Place damaged containers into containment devices. Sweep spilled product, taking care to avoid raising dust and place in sealable container for disposal.

Wash the area with water and detergent. Absorb washings and place in the same sealable container for disposal. Avoid contamination of water courses or sewers.

Dispose of waste according to the applicable local and national regulations.

## Section 7. Handling and Storage

### Precautions for Handling:

- Read carefully and follow all instructions
- Avoid breathing dust
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective clothing as detailed in Section 8
- Avoid contact with eyes and skin
- Avoid the formation of dust and aerosols
- Provide exhaust ventilation if dust is formed
- Wash hands and exposed skin before meals and after use. Do not eat or drink while using

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10
- Store below 25°C
- Store in the original container in a dry place, away from direct heat or direct sunlight
- Keep container sealed when not in use
- Keep out of reach of children
- Store away from foodstuffs

## Section 8. Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm	mg/m <sup>3</sup>	STEL	
			ppm	mg/m <sup>3</sup>
Calcium carbonate [471-34-1]	-	10	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APR 2022 13TH EDITION.

### Engineering Controls

Ensure adequate ventilation. Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent inhalation of dust and contact with skin and eyes.

### Personal Protection Equipment



<b>Eyes</b>	Safety glasses or goggles
<b>Hands</b>	Wear protective gloves
<b>Skin</b>	Use protective clothing
<b>Respiratory</b>	Not required
<b>General</b>	Do not eat, drink or smoke when using this product. Wash hands with soap and water before breaks and after work. Keep away from foodstuffs and beverages

**Section 9. Physical and Chemical Properties**

<b>Appearance</b>	Powder
<b>Colour</b>	Grey yellow-brown powder
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	5.8 – 7.2
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not flammable
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Density</b>	Not available
<b>Water Solubility</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

**Section 10. Stability and Reactivity**

<b>Stability of Substance</b>	This product is stable under normal conditions and storage
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to Avoid</b>	No specific conditions to avoid
<b>Incompatible Materials</b>	May react with strong oxidizing reagents (e.g. peroxides, permanganates, nitric acid, etc)
<b>Hazardous Decomposition Products</b>	No data available

**Section 11. Toxicological Information****Acute Effects:**

<b>Swallowed</b>	Not applicable. LD <sub>50</sub> = >2000mg/kg (rat)
<b>Dermal</b>	Not applicable
<b>Inhalation</b>	Not applicable
<b>Eye</b>	Not applicable
<b>Skin</b>	May cause an allergic skin reaction

**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable
<b>Reproductive Toxicity</b>	Not applicable
<b>Germ Cell Mutagenicity</b>	Not applicable
<b>Aspiration</b>	Not applicable
<b>STOT/SE</b>	Not applicable
<b>STOT/RE</b>	Not applicable

**Section 12. Ecotoxicological Information**

<b>Product:</b>	
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

**Section 13. Disposal Considerations****Disposal Method:**

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

**Precautions or methods to avoid:** Avoid contamination of any water supply with product or empty container.

**Section 14. Transport Information**

**This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2020**

**Section 15. Regulatory Information**

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: HSR007846

<b>HSW (HS) Regulations 2017</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	1000 kg
Secondary Containment	1000 kg
Restriction of Use	Only use for the intended purpose. An SDS must be provided whenever <b>3kg</b> of BaciMax 150 Granular is sold or supplied.
<b>ACVM Act and Regulations</b>	
See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration Conditions	<b>A10742</b>

**Section 16. Other Information****Glossary**

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.

TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

**References:**

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

**Disclaimer**

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Please contact the New Zealand distributor, if further information is required.

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