SAFETY DATA SHEET

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

Section 1. Identification of the material and the supplier

Product:	**PenGold**
Product Use:	Intramammary antibiotic suspension for the treatment of mastitis in lactating cows caused by Gram-positive organisms
Restriction of Use:	Refer to Section 15
New Zealand Supplier: Address:	**Agrihealth NZ Ltd** Level 2, 89 Grafton Road, Auckland 1010
Telephone: **Emergency No:**	+64 9 215 1199 **0800 764 766 (National Poisons Centre)**
Date of SDS Preparation:	16 February 2026

Section 2. Hazards Identification

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

EPA Approval No: Veterinary Medicines - Limited Pack Size, Finished Dose – HSR100757

Pictograms



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 mist or spray
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective clothing as detailed in SDS Section 8

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

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

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Concentration w/w%	CAS NUMBER.
Procaine penicillin	25-30%	6130-64-9
Butylated hydroxytoluene	<0.5%	128-37-0
Non-hazardous ingredients	Bal to 100%	-

Section 4. First Aid Measures

General: Handle this product with great care to avoid exposure as it may cause penicillin hypersensitivity (allergy) following ingestion or skin contact. Do not handle this product if you know you have been sensitised to penicillin.

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: Take off contaminated clothing and wash before reuse. Wash skin with plenty of soap and water. 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. Call the National Poisons Centre 0800 764 766 or a doctor/physician for advice.

If Inhaled: Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

Most important symptoms and effects, both acute and delayed symptoms:
May cause an allergic skin reaction

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from products	Carbon oxides, nitrogen oxides, and sulphur oxides
Suitable Extinguishing media	Water spray, alcohol-resistant foam, carbon dioxide (CO2) or powder. Do not use a strong water jet.
Precautions for firefighters and special protective clothing	Wear self-contained breathing apparatus pressure-demand and full protective gear to prevent contact with skin and eyes.
HAZCHEM CODE	**None allocated**

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. People with known hypersensitivity to penicillin should handle the product carefully. Avoid contact with skin and eyes.

Prevent further spillage, and prevent spilled material from flowing onto adjacent land or into waterways.

Collect and prepare for elimination without causing aerosols. Keep in suitable, closed containers for disposal. Never return product to its original packaging for reuse. Dispose of waste safely as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Read carefully and follow all instructions
- Avoid breathing fumes, vapours or spray
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective clothing as detailed in SDS Section 8
- Keep in its original packaging, keeping it closed when not in use
- Do not reuse container
- Eating, drinking or smoking should be prohibited in the places where this product is handled, stored or treated
- Workers should wash their hands and face before eating, drinking or smoking
- Remove protective equipment and contaminated clothes before entering areas where you eat
- People with known hypersensitivity to penicillin should handle the product carefully.
- Do not handle the product if you are allergic to ingredients in the product

Precautions for Storage:

- Store away from incompatible materials listed in Section 10
- Store protected from direct sunlight in a dry, cool and well-ventilated area, protected from excessive drafts that may affect quality, store separately from food and drink
- Store <25˚C
- Do not freeze
- Do not store in unlabelled containers
- Keep out of reach of children

Section 8. Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm	TWA mg/m³	STEL ppm	STEL mg/m³
Butylated hydroxytoluene [128-37-0]	-	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 FEB 2025 15TH EDITION.

Engineering Controls
Ensure adequate ventilation

Personal Protection Equipment



Eyes	Not required
Hands	Waterproof and gloves resistant to chemicals must be used according to the standards set in the relevant EN standard (e.g. UNE EN 374 or other national standards)
Skin	Wear protective gloves

Respiratory	Not required

Section 9. Physical and Chemical Properties

Appearance	Liquid
Colour	Whitish
Odour	Odourless
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density	Not available
Water Solubility	Soluble
Partition Coefficient	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions of use and storage
Possibility of hazardous reactions	No data available
Conditions to Avoid	No data available
Incompatible Materials	Strong acids, bases and oxidisers
Hazardous Decomposition Products	In case of fire, carbon oxides, nitrogen oxides and sulphur oxides can be formed

Section 11. Toxicological Information

Acute Effects:

Swallowed	Not applicable
Dermal	Not applicable
Inhalation	Not applicable
Eye	Not applicable
Skin	May cause an allergic skin reaction

Chronic Effects:

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

Section 12. Ecotoxicological Information

This product is not hazardous to the environment

Product:	

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	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: None known

Section 14. Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021

Section 15. Regulatory Information

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

EPA Approval No: **Veterinary Medicines Group Standard – Limited Pack Size, Finished Dose – HSR100757**

HSW (HS) Regulations 2017	**Trigger Quantity**
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities (Schedule 26)	Not required
Signage Trigger Quantities (Schedule 3)	Not required
Emergency Response Plan (Schedule 5)	1000 L
Secondary Containment (Schedule 5)	1000 L
Restriction of Use	Only use for the intended purpose
ACVM Act and Regulations	
See www.foodsafety.govt.nz for registration Conditions	**A9860**

Section 16. Other Information

Glossary

Cat	Category
EC_{50}	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC_{50}	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD_{50}	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 Nov 2023 14th 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

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have 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, TCC (NZ) Ltd accept 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

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

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