



Virbac New Zealand Limited

SAFETY DATA SHEET

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

Section 1. Identification of the material and the supplier

Product: **Metri-Clean**
 Product Use: For the treatment of subacute and chronic endometritis by cephalosporin-sensitive organisms in cattle. Restricted Veterinary Medicine.
 Restriction of Use: Refer to Section 15
 New Zealand Supplier: **Virbac New Zealand Limited**
 Address: 26 – 30 Maui Street
 Pukete, Hamilton
 Telephone: +64 7 849 6782
 Customer Service Toll no: 0800 VIRBAC (0800 847 222) (Mon-Fri 8:30am to 4:30pm)
Emergency No: 0800 764 766 (National Poison Centre)
 Date of SDS Preparation: 27 September 2021

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 Classification and Category	Hazard Code	Hazard Statement
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.

Prevention Code	Prevention Statement
P103	Read label before use.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
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
P314	Get medical advice/attention if you feel unwell.
P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

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.
Benzathine cephapirin	2-5	97468-37-6
Eumulgin	1-2	68439-49-6
Not triggering or non-hazardous ingredients	To bal	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Gently blot the material away from the eyes. If irritation occurs hold eyes open & wash continuously for at least 5 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart & away from eye & moving the eyelids by occasionally lifting the upper & lower lids. If discomfort persists, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

If on Skin Gently blot the material away. In the absence of an allergy, no effects are expected. For an allergic individual, immediately flush body & clothes with large quantities of water. Quickly remove all contaminated clothing & footwear. Wash affected areas with water (& soap if available) for at least 15 minutes. Obtain medical attention if irritation develops. Wash clothing before re-use.

If Swallowed If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

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. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: Causes serious eye irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	None known.
Suitable Extinguishing media	In case of fire, use carbon dioxide, dry chemical, foam or sprayed water or fog.
Precautions for firefighters and special protective clothing	Breathing apparatus for fire only.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Wear sufficient respiratory protection where necessary and protective clothing to minimize skin exposure. Evacuate all non-essential personnel. Re-position any leaking containers to minimize any further leakage. Dam & absorb spill with an absorbent material (sand or soil).

Prevent any material from entering drains or waterways.

If possible, contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Shovel the absorbed material into a drum or similar robust container. Dispose of in compliance with local and/or national regulations as per Section 13.

Decontaminate the spill area with detergent & water & rinse with the smallest volume of water possible.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Do not breathe dust, fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing as detailed in Section 8.
- In case of inadequate ventilation wear respiratory protection.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Store in original container, tightly closed, away from foodstuffs.
- Store upright in a cool place.
- Do not freeze.
- Protect from light.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure limits

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 NOV 2020 12TH EDITION.

Engineering Controls

Product Name: **Metri-Clean**
Date of SDS: 27 September 2021

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

None required.

Personal Protection Equipment



Eyes	Wear suitable safety glasses
Skin	When handling bulk quantities, wear suitable gloves and protective gear.
Respiratory	Not required.
Hygiene	Avoid prolonged breathing of dust or contact of dust with skin. Wash hands thoroughly with soap and water after handling.

Section 9 Physical and Chemical Properties

Appearance	Creamy homogeneous white to off-white suspension.
Odour	Oily
Odour Threshold	Not available
pH	4.0 - 7.0
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not flammable or combustible
Combustibility	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	0.962
Water Solubility	Insoluble
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	Stable under normal conditions of use.
Possibility of hazardous reactions	Not available
Conditions to Avoid	Temperatures exceeding 30°C or less than 2°C.
Incompatible Materials	Solvents which may degrade the plastic container. Strong oxidising agents (e.g. peroxides, permanganates, nitric acid etc). Strong acids and strong bases.
Hazardous Decomposition Products	Does not occur.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable. Rat, i.v: 4580 mg/kg. Rat i.p. 8400 mg/kg. Rat oral 14000 mg/kg. Mouse, i.v: 4600 mg/kg. Rabbit i.v: >3000 mg/kg. Dog i.v: >2500 mg/kg. Dog i.m. >2500 mg/kg
Dermal	Not applicable.

Inhalation	Not applicable.
Eye	Causes serious eye irritation.
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	May cause damage to organs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Product:	
Persistence and degradability	Does not persist in the environment owing to degradation & photolysis.
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method:

Ensure container is completely empty. If permitted under Local Authority Plans burn if circumstances, especially wind direction, permit otherwise crush & bury in an approved Local Authority facility.

Precautions or methods to avoid: DO NOT use the container for any other purpose.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

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

EPA Approval Code: **Veterinary Medicines (Limited Pack Size, Finished dose) – HSR100757**

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	Only use for the intended purpose.
ACVM Approval No See www.foodsafety.govt.nz for registration Conditions	A010361

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 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
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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