



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: **Tyloguard**
Product Use: For the treatment of bacterial and mycoplasma infections caused by tylosin-sensitive organisms in cattle, pigs, sheep & goats.
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: 3 December 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) Group Standard 2020 – 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.
Hazardous to the aquatic environment acute/chronic Cat. 1	H400/H410	Very toxic to aquatic life with long lasting effects.
Hazardous to soil organisms	H423	Hazardous to soil organisms

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.

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

P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
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.
Tylosin Base	20	1401-69-0
Benzyl Alcohol	2 - 5	100-51-6
Propylene glycol	45-55	57-55-6
Non-hazardous ingredients	To bal	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If on Skin	Take off contaminated clothing and wash before re-use. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
If Swallowed	Rinse mouth with plenty of water. Do not give anything to the mouth of an unconscious person. Contact a doctor or call the National Poisons Centre on 0800 POISON (0800 764 766).
If Inhaled	Remove the person from affected area to fresh air area. If any trouble breathing, get immediate medical attention. If irritation or symptoms persist, consult a doctor.

Most important symptoms and effects, both acute and delayed

Symptoms: Causes serious eye irritation. May cause an allergic skin reaction.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	May emit toxic fumes when exposed to fire or heat. Flash point: not known. Ignition temperature 412 ^o C
Suitable Extinguishing media	Water spray or fog / foam / dry chemical powder / carbon dioxide.

Precautions for firefighters and special protective clothing	Breathing apparatus for fire only.
HAZCHEM CODE	3Z

Section 6. Accidental Release Measures

Personnel involved in clean-up should wear appropriate personal protective equipment to minimize exposure as detailed in Section 8. Non-essential personnel should be evacuated from the affected area.

Do not allow to enter waterways.

Re-position any leaking containers to minimise any further leakage. Dam and absorb spill with an absorbent material (sand or soil). Shovel the absorbed material into a drum or similar robust container. Decontaminate the spill area with detergent and water and rinse with the smallest volume of water possible. Dispose of in compliance with local and/or national regulations as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Avoid breathing dust, fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- 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
Propane-1,2-diol, Vapour and [57-55-6] particulates	150	474		

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

Not required.

Personal Protection Equipment



Eyes	When handling in bulk wear suitable safety glasses.
Skin	When handling in bulk wear suitable protective gloves.
Respiratory	Wear sufficient respirator.
Hygiene	Wash hands thoroughly with soap and water after handling.

Section 9 Physical and Chemical Properties

Appearance	Clear, straw-coloured or yellowish to orange viscous solution.
Odour	Faint, musty
Odour Threshold	Not available
pH	8 - 10
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not flammable, but may burn
Combustibility	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Specific Gravity	1.067 g/L
Water Solubility	Soluble in water
Partition Coefficient:	Not available
Auto-ignition Temperature	412°C
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	No data available.
Conditions to Avoid	Temperatures exceeding 60°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).
Hazardous Decomposition Products	On heating to decomposition, emits toxic fumes.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable. Rat: no deaths or toxicity reported at 535 mg/kg.
Dermal	Not applicable.
Inhalation	Not applicable. Rat: no deaths at 1050 mg/m ³ for 1 hour
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	Not applicable.

Section 12. Ecotoxicological Information

Very ecotoxic in the aquatic environment (Tylosin is very toxic to algae, but is practically non-toxic to fish and crustaceans).

Hazardous to soil organisms

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

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method:

Dispose of by use.

Triple or pressure rinse container including exterior and cap. Dispose of rinsate and any undiluted chemical according to local Government requirements.

Dispose of empty container by wrapping with paper and placing in the garbage, in accordance with the Territorial Local Authority.

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

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012



Road, Rail, Sea and Air Transport

UN No	3082
Class - Primary	9
Packing Group	III
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S
Marine Pollutant	Yes
Special Provisions	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15 Regulatory Information

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

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	100L
Emergency Response Plan	100L
Secondary Containment	100L
Restriction of Use	Not required
ACVM Approval No See www.foodsafety.govt.nz for registration Conditions	A009713

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 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

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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