

SAFETY DATA SHEET



Virbac New Zealand Limited.

Tetraguard LA

Section 1: Identification of the Substance and Supplier

Product name:	Tetraguard LA
Recommended use:	For the treatment of bacterial infections in cattle, sheep and pigs. Especially useful in the treatment of respiratory, arthritic, reproductive, enteric and inflammatory diseases. Restricted Veterinary Medicine.
Company details:	Virbac New Zealand Limited
Address:	26 -30 Maui St, Pukete Park, Hamilton
Telephone number:	(07) 849 6782
Customer service toll free number:	0800 VIRBAC (0800 847 222) (Mon – Fri, 8.30 am – 4.30 pm) www.virbac.co.nz
Emergency telephone number:	National Poison Center: 0800 POISON (0800 764 766) New Zealand Emergency Service 111
Date of preparation:	27 June 2017

Section 2: Hazards Identification

Hazard classifications:	6.1D, 6.3B, 6.8A, 8.3A, 9.1B, 9.1D, 9.3B
Priority identifier:	DANGER KEEP OUT OF REACH OF CHILDREN ECOTOXIC
Secondary identifiers:	6.1D = Harmful if swallowed and inhaled and harmful in contact with skin 6.3B = causes mild skin irritation 6.8A = May damage fertility or the unborn child

- 8.3A = Causes serious eye damage
- 9.1B = Toxic to aquatic life with long lasting effects
- 9.1D = Toxic and harmful to aquatic life
- 9.3B = Toxic to terrestrial vertebrates

Precautionary information:

Keep out of reach of children.
 Read label before use.
 Wash thoroughly after handling
 Do not eat, drink or smoke when using this product
 Use only outdoors or in a well-ventilated area
 Wear protective gloves/ clothing and eye and face protection
 Use personal protective equipment as required
 Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Avoid breathing mist/spray
 Contaminated work clothing should not be allowed out of the workplace
 Avoid release to the environment
 Collect spillage

Section 3: Composition / Information on Ingredients

Product components:	Ingredients	CAS Number	Proportion (% w/v)
	Oxytetracycline dihydrate	6153-64-6	20.0
	2-pyrrolidone	616-45-5 / 872-50-4	25-50

Section 4: First Aid Measures

Symptoms of acute overexposure On contact - skin rash, watery eyes, shortness of breath, coughing & wheezing &/or nasal congestion may occur. Ingestion may lead to abdominal pain, vomiting and diarrhoea. For allergic individuals the symptoms are more severe, especially difficulty in breathing, & immediate medical assistance is recommended.

Symptoms of chronic overexposure May cause kidney damage and foetal abnormalities.

Eye Contact: Immediately hold eyes open & wash continuously for at least 15 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.

Skin Contact

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.

Inhalation:

Remove to fresh air. Lay patient down. Keep warm & rested & observe for any signs of an allergic reaction. If breathing is difficult, obtain medical attention.

If swallowed:

Contact doctor or National Poisons Centre (0800 764 766). DO NOT INDUCE VOMITING. Wash out mouth thoroughly with water & give plenty of water to drink. For significant quantities, lean patient forward or place on left side (head down, if possible) to maintain open airway & prevent aspiration & refer for medical attention without delay. Provide a copy of this document to the practitioner.

Workplace facilities:

No specific workplace facilities required.

Required instructions:

Avoid contact with skin and eyes. If skin or eyes irritation occurs wash off immediately.

Notes for medical personnel:

If swallowed do NOT induce vomiting. Contact a doctor or call the National Poisons Center on 0800 POISON (0800 764 766)

Section 5: Firefighting Measures

Type of hazard:

Non-flammable

Fire hazard properties:

May emit toxic fumes when exposed to fire or heat. Flash point: not known. Ignition temperature: Not known

Regulatory requirements:

Do not handle until all safety precautions have been read and understood.

Extinguishing media and methods:

Water spray or fog / foam / dry chemical powder / carbon dioxide.

HAZCHEM:

N/A

Recommended protective clothing:

Breathing apparatus for fire only.

Section 6: Accidental Release Measures

Emergency procedures:	Wear sufficient respiratory protection where necessary and protective clothing to minimize skin exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material.
Environmental precautions	Spilled product & washings must be prevented from entering any drains or waterways, or from contaminating the ground.
Procedure for a spill	Keep all bystanders away. Wear appropriate protective gear. 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. Dispose of in an approved landfill. Decontaminate the spill area with detergent and water and rinse with the smallest volume of water possible.

Section 7: Handling and Storage

Precautions for safe handling:	Wash hands thoroughly after handling. Wear protective gloves when handling. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of any water supply with chemical or empty container.
Approved handlers:	Not required
Conditions for safe storage:	See below
Store site requirements:	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. Store locked up.
Packing:	No specific packaging requirement.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Guidelines:	No working exposure standards have been established.
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Exposure standards outside the workplace	No tolerable exposure limit (TEL) or environmental exposure limit (EEL) are set for this substance at this time.
Engineering controls:	N/A
Personal protective Equipment (PPE):	When handling bulk quantities, wear suitable gloves, protective clothing, to avoid prolonged breathing of dust or contact of dust with skin. Wash thoroughly with soap and water after handling.

Section 9: Physical and Chemical Properties

Appearance:	Amber solution
Odour	Odourless
Flash point	Not known
Ignition temperature	Not known
Specific Gravity:	1.13 g/L
pH:	8 – 8.5
Solubility in Water:	Soluble in water
Flammability:	Not flammable
Combustibility:	Not combustible until the water has been driven off by the heat.
Explosive properties	Not corrosive to metals but classified as corrosive to ocular tissue
Oxidising properties	Not oxidizing
Corrosiveness	Not corrosive

Section 10: Stability and Reactivity

Stability of the substance:	Stable under normal conditions of use.
Conditions to avoid	Temperatures exceeding 20°C or less than 2°C.
Material to avoid:	Solvents which may degrade the container. Strong oxidising agents (e.g. peroxides, permanganates, nitric acid etc).

Hazardous decomposition products:	On heating to decomposition, emits toxic fumes.
Hazardous polymerization:	Does not occur
Specific Data	N/A

Section 11: Toxicological Information

The information below applies to Oxytetracycline

Acute toxicity (LD50)	Pyrrolidone: Rat, oral: 100,000 mg/kg. Oxytetracycline dihydrate: Rat, oral: 800mg/kg. Mouse, oral 2240 mg/kg
Chronic toxicity	Oxytetracycline: Mouse oral 6700 mg/kg (NOEL) for maternal and developmental toxicity was 250 and 125 mg/kg/day, respectively
Mutagenicity	Not mutagenic

Section 12: Ecological Information

Toxic to aquatic life with long lasting effects	Ecotoxic in the aquatic environment (low levels of antibiotics in waterways may lead to increased microbial resistance & greater sensitisation of human populations using the water). No evidence of accumulation in aquatic organisms.
Toxic to terrestrial vertebrates	May have adverse effects on terrestrial vertebrates through prolonged or excessive contact. Does not persist in the environment owing to degradation & photolysis.

Section 13: Disposal Considerations

Procedure for product disposal	Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.
Procedure for container disposal	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. DO NOT use the container for any other purpose.

Section14: Transport Information

Transport information:

Under the HSNO Control EM1, the transport of quantities of this product in excess of 1L must comply with Land Transport Rule 45001 & Maritime Rule 24A in terms of labelling & documentation. Transport of any quantity by air must comply with Civil Aviation Rule 92.

Section15: Regulatory Information

Registration number:

A006389

For conditions of registration see <http://www.foodsafety.govt.nz>

HSNO Classification:

ERMA Approval Code: **HSR002183**

Toxic: T2, T4, T5, T7.

Identification: I1, I2, I8,I9, I10, I11,I16, I17, I18, I19, I20, I21, I22, I23, I28, I29, I30.

Packaging: P1, P3, P13, P14, P15, PG3

Disposal: D4, D5, D6, D7, D8

Emergency management: EM1, EM2, EM6, EM8, EM11, EM12, EM13

For a full listing of controls see <http://www.epa.govt.nz>

Section 16: Other Information

For product information visit the Virbac website www.virbac.co.nz

While the information set forth is believed to be accurate as of the date hereof, Virbac New Zealand Limited. makes no warranty with respect hereto and disclaims all liability from reliance thereon.