

SAFETY DATA SHEET



Virbac New Zealand Limited

Bovipen

Section 1: Identification of the Substance and Supplier

Product name:	Bovipen
Recommended use:	For the treatment of bacterial infections caused by Penicillin-sensitive organisms in livestock & companion animals. 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:	07 November 2016

Section 2: Hazards Identification

Hazard classifications:	6.5B, 9.1A
Priority identifier:	WARNING KEEP OUT OF REACH OF CHILDREN ECOTOXIC
Secondary identifiers:	6.5B = May cause an allergic skin reaction 9.1A = very toxic to aquatic life
Precautionary information:	Keep out of reach of children. Read label before use. Avoid breathing mist/spray

Contaminated work clothing should not be allowed out of the workplace
Wear eye and face protection
Avoid release to the environment
Collect spillage

Section 3: Composition / Information on Ingredients

Product components:	Ingredients	CAS Number	Proportion (% w/v)
	Penicillin	6130-64-9/ 1538-09-6	30.0
	Cetrimide	8044-71-1	0.01 – 0.1

Section 4: First Aid Measures

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.
Ingestion:	Rinse mouth with water. Give plenty of water to drink. Contact a doctor or call the National Poisons Center on 0800 POISON (0800 764 766).
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:	N/A
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 & 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 & water & 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.
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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.
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:	White suspension of penicillin in a clear or slightly yellow solution.
Odour	Faint, musty
Specific Gravity:	0.95 – 1.13 g/L
pH:	5.0 – 7.5
Solubility in Water:	Slightly soluble in water
Flammability:	Not highly flammable, but may burn
Combustibility:	The product is aqueous suspension and is not combustible until the water has been driven off by the heat.
Explosive properties	Not explosive
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 plastic container. Strong oxidising agents (e.g. peroxides, permanganates, nitric acid etc).
Hazardous decomposition products:	On heating to decomposition, emits toxic fumes.
Hazardous polymerization:	N/A
Specific Data	N/A

Section 11: Toxicological Information

The information below applies to Penicillin

Acute toxicity (LD50)	Rat, i.v: 97 mg/kg. Mouse, i.p: 146mg/kg. Mouse, s.c: 2300mg/kg. Mouse, i.v: 119mg/kg. Rabbit, i.v: 70mg/kg
Chronic toxicity	NOEL (mouse, oral): < 1100 mg/kg. LOEL (mouse, oral): >2300 mg/kg.
Mutagenicity	Not mutagenic

Section 12: Ecological Information

Very ecotoxic in the aquatic environment	Acute ecotoxicity $L(E)C_{50} \leq 1\text{mg/L}$ Regardless of any persistence or bioaccumulation or chronic ecotoxicity information [User Guide to the HSNO Thresholds and Classifications]
Slightly harmful in the soil environment	Slightly ecotoxic in the soil environment because of its lethal effects on a range of micro-organisms. Does not persist in the environment owing to degradation & photolysis.

Section 13: Disposal Considerations

Disposal information:	Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.
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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:

A007186

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

HSNO Classification:

ERMA Approval Code: **HSR002362**
Toxic: T2, T4, T5, T7.
Identification: I1, I9, I16, I17, I18, I19, I21, I23, I28, I29
Packaging: P1, P3, P13, P15, PG3
Disposal: D4, D5, D6, D7, D8
Emergency management: EM1, EM6, EM8, EM11, EM13

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

Section 16: Other Information

None.

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.