

SAFETY DATA SHEET



Virbac New Zealand Limited

DRYZEN

Section 1: Identification of the Substance and Supplier

Product name:	DRYZEN
Recommended use:	Intramammary preparation for prevention of mastitis dairy cattle during the non-lactating period.
Distributed by:	Virbac New Zealand Limited
Address:	26 -30 Maui St, Pukete, Hamilton
Telephone number:	(07) 849 6782
Customer service toll free number:	0800 VIRBAC (0800 847 222) (Mon – Fri, 8.30 am – 4.30 pm) nz.virbac.com/
Emergency telephone number:	National Poison Center: 0800 POISON (0800 764 766) New Zealand Emergency Service 111
Date of preparation:	11 October 2018

Section 2: Hazards Identification

Hazard classifications:	5.1.1B
Priority identifier:	DANGER KEEP OUT OF REACH OF CHILDREN
Secondary identifiers:	May intensify fire; oxidizer.
Precautionary information:	Read label before use Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. Avoid release to the environment

Section 3: Composition / Information on Ingredients

Product components:	Ingredients	CAS Number	Proportion
	Bismuth subnitrate	1304-85-4	650 g/kg

Section 4: First Aid Measures

Eyes:	Quickly and gently blot material from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.
Skin:	Gently blot away excess liquid. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.
Ingestion:	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.
Inhalation:	First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.
Workplace facilities:	No specific workplace facilities required.
Required instructions:	Avoid contact with skin and eyes. If skin or eyes irritation occurs wash off immediately. DO NOT eat, drink or smoke while using. Wash hands thoroughly after handling.
Notes for medical personnel:	No specific antidote is available. If poisoning is suspected apply symptomatic therapy.

Section 5: Firefighting Measures

Type of hazard:	The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
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Fire hazard properties:	Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
Regulatory requirements:	N/A
Extinguishing media and methods:	In case of fire, use carbon dioxide, dry chemical, foam.
Hazchem code:	N/A
Recommended protective clothing:	Breathing apparatus for fire only.

Section 6: Accidental Release Measures

Emergency procedures:

Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include no specific manufacturer recommendations. Use impermeable gloves with care. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product.

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this SDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7: Handling and Storage

Precautions for safe handling:	Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
Approved handlers:	This product requires an approved handler at quantities greater than 500kg.

Recommended Storage Conditions: Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

Store site requirements Store below 25°C. Keep out of reach of children. Store in a cool, dry, well-ventilated area away from heat, sparks, open flames and combustible materials.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards: No working exposure standards have been established.

Personal protective Equipment (PPE): Use face and eye protection when handling. Wear protective clothing if necessary.

Section 9: Physical and Chemical Properties

Physical Description & colour:	Greyish white smooth oily cream
Odour:	Paraffin odour
Boiling Point:	Not available.
Freezing/Melting Point:	No specific data. Paste at normal temperatures.
Volatiles:	No data.
Vapour Pressure:	No data.
Vapour Density:	No data.
Specific Gravity:	No data.
Water Solubility:	Insoluble.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	No data.

Section 10: Stability and Reactivity

Reactivity:	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
Conditions to avoid:	Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight
Incompatibilities:	Strong acids, strong oxidising agents, organic materials, combustible materials.
Fire decomposition:	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
Polymerisation:	This product will not undergo polymerisation reactions.

Section 11: Toxicological Information

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be irritating, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Section 12: Ecological Information

Potential environmental interactions:	N/A
Data organization:	N/A
Environmental risk and safety phrases:	N/A

Section 13: Disposal Considerations

Disposal information:	Preferably dispose of product by use in accordance with label directions. Otherwise dispose of product at an approved landfill, or other approved facility in accordance with local, regional and national regulations. Avoid contamination of any water supply with product.
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Section 14: Transport Information

Transport information:	Dangerous Goods Classification UN No: N/A Class: N/A Packing Group: N/A Shipping Name: N/A
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Section 15: Regulatory Information

ACVM registration number: A011639

For conditions of registration see www.foodsafety.govt.nz

HSNO Classification Title: Cream containing 600 - 700 g/kg bismuth subnitrate

HSNO Approval Number: HSR002012

For a full listing of controls see www.epa.govt.nz

Section 16: Other Information

For product information visit the Virbac website nz.virbac.com. 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.