

SAFETY DATA SHEET

MASTIGUARD MILKING COW

Section 1: Identification of the Substance and Supplier

Item	Description
Product name	MASTIGUARD MILKING COW
Recommended use	For the treatment of acute and chronic mastitis in dairy cattle. Prescription Animal Remedy (P.A.R) Class I. For use only under the authority or prescription of a veterinarian.
Company details	Distributed by Stockguard Animal Health Ltd.
Address	26-30 Maui St, Pukete Park, Hamilton.
Phone number	07 849 6782
Emergency telephone number	During business hours: 07 849 6782 Outside business hours, call National Poisons Centre on 0800 764 766.
Date of preparation	30 th May 2006

Section 2: Hazards Identification

Item	Description
Hazard classifications	Class 9 Ecotoxic: 9.1B Ecotoxic in the aquatic environment.
Health hazards	May result in sensitisation in some individuals through prolonged or repeated unprotected skin contact. Sensitisation can lead to allergic reactions ranging from a skin rash to anaphylactic shock (which may be fatal). May be irritating to the eye, skin and digestive tract. There is a possible risk to the unborn child.

Section 3: Composition / Information on Ingredients

Chemical identity of Hazardous Ingredients	CAS no.	Content (% w/v)
Oleandomycin phosphate	706-0-44-4	3-5
Oxytetracycline dihydrate	2058-46-0	5-7

Section 4: First Aid Measures

Item	Description
Symptoms of acute overexposure	The product is relatively harmless in the absence of any allergic sensitivity. Skin rash, watery eyes, shortness of breath, coughing & wheezing and/or nasal congestion may occur. For allergic individuals the symptoms are more severe, especially difficulty in breathing, and immediate medical assistance is recommended. May cause nausea and vomiting or temporary intestinal disturbance if swallowed.
First Aid: If swallowed	Contact doctor or National Poisons Centre (0800 764 766). DO NOT INDUCE VOMITING. Wash out mouth thoroughly with water and 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 and prevent aspiration and refer for medical attention without delay. Provide a copy of this document to the practitioner.
Eye contact	Immediately hold eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and 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 and clothes with large quantities of water. Quickly remove all contaminated clothing and footwear. Wash affected areas with water (and soap if available) for at least 15 minutes. Obtain medical attention if irritation develops. Wash clothing before re-use.
Inhaled	Remove to fresh air. Lay patient down. Keep warm and rested and observe for any signs of an allergic reaction. If breathing is difficult, obtain medical attention.
Advice to doctor	Treat symptomatically.

Section 5: Fire Fighting Measures

Item	Description
Type of hazard	No unusual hazards associated with fire or explosion are known.
Fire hazard properties	May emit toxic fumes when exposed to fire or heat. Flash point: 255°C. Ignition temperature: not known.
Special fire fighting precautions	Wear self-contained breathing apparatus.
Extinguish with	Carbon dioxide, foam or powder.

Section 6: Accidental Release and Disposal Measures

Item	Description
Personal precautions	Emergency procedures: Ensure suitable protective clothing is worn. For small volumes, chemical-resistant gloves and goggles will suffice. For large volumes, protective boots and overalls should also be worn.
Environmental precautions	Spilled product and 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 ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS AND WARNINGS	
Handling	When handling wear chemical-resistant gloves and goggles. Avoid contact with skin and eyes. Do not eat, drink or smoke while using. Wash hands thoroughly after use and before meals. Avoid self-inoculation.
Storage	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: Physical and Chemical Properties	
Item	Description
Appearance	Creamy yellow or brown suspension.
Odour	Bland.
Flash point	255°C
Ignition temperature	Not highly flammable, but may burn.
Flammability	The oily vehicle will burn on exposure to heat.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Combustibility	The oily vehicle will burn on exposure to heat.
Corrosiveness	Not corrosive.
Specific gravity	1.1
pH	Not applicable.
Solubility	Slightly soluble in water.

Section 9: Stability and Reactivity	
Item	Description
Stability	Stable under recommended storage conditions.
Conditions to avoid	Temperatures exceeding 20°C or less than 2°C.
Materials to avoid	Solvents which may degrade the container. Strong oxidising agents (eg peroxides, permanganates, nitric acid etc).
Hazardous decomposition products	On heating to decomposition, emits toxic fumes.
Hazardous polymerisation	Does not occur.

Section 10: Toxicological Information The information below applies to penicillin & dihydrostreptomycin (DHS)	
Acute toxicity (LD50)	Oxytetracycline: LD50, mouse oral : 2240mg/kg Oleandomycin: no toxicity data available.
Chronic toxicity	No information available.
Mutagenicity	Not mutagenic.

Section 11: Environmental Information	
Item	Description
Aquatic environment	Ecotoxic in the aquatic environment (low levels of antibiotics in waterways may lead to increased microbial resistance and greater sensitisation of human populations using the water). No evidence of accumulation in aquatic organisms.
Soil environment	Does not persist in the environment owing to degradation and photolysis.

Section 12: Disposal Considerations	
Item	Description
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. Return to your vet to participate in Stockguard's re-cycling initiative. Alternatively, if permitted under Local Authority Plans burn if circumstances, especially wind direction, permit otherwise crush and bury in an approved Local Authority facility. DO NOT use the container for any other purpose.

Section 13: 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 and Maritime Rule 24A in terms of labelling and documentation. Transport of any quantity by air must comply with Civil Aviation Rule 92.	

Section 14: Regulatory Information	
Item	Description
HSNO approval code	HSR002409
HSNO controls	Identification: I1, I9, I11, I19, I20, I21, I23, I29. Packaging: P1, P3, P13, P15, PG3 Disposal: D5, D6, D7, D8 Emergency management: EM1, EM8, EM11, EM12, EM13
Approved handlers	Not required.
ACVM registration	Registered pursuant to the ACVM Act 1997, Number: A3141.
ACVM controls	See www.nzfsa.govt.nz/acvm/ for registration conditions.