

# SAFETY DATA SHEET

## TYLOGUARD

### Section 1: Identification of the Substance and Supplier

Item	Description
Product name	TYLOGUARD
Recommended use	For the treatment of bacterial and mycoplasma infections caused by Tylosin-sensitive organisms in cattle, pigs, sheep & goats. 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	24 <sup>th</sup> February 2006

### Section 2: Hazards Identification

Item	Description
Hazard classifications	Class 6 Toxic:     6.4A Eye irritant. 6.5B Contact sensitiser.  Class 9 Ecotoxic:   9.1A Very ecotoxic in the aquatic environment. 9.2D Slightly harmful in the soil environment.
Health hazards	May produce an allergic reaction on prolonged or repeated unprotected skin contact.

### Section 3: Composition / Information on Ingredients

Chemical identity of Hazardous Ingredients	CAS no.	Content (% w/v)
Tylosin base	1401-69-0	20.0
Benzyl alcohol	100-51-6	2-5

### Section 4: First Aid Measures

Item	Description
Symptoms of exposure:	
Acute overexposure	Skin rash, watery eyes, shortness of breath, coughing and wheezing, nasal congestion
<b>First Aid:</b> If swallowed	Contact doctor or National Poisons Centre (0800 764 766). DO NOT INDUCE VOMITING. If available, administer 8 heaped teaspoons of activated charcoal with 2-3 glasses of water. Lean patient forward or place on left side (head down, if possible) to maintain open airway and prevent aspiration. 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. Transport to a hospital without delay. 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. Get medical attention if irritation develops.
Inhaled	Remove to fresh air. Lay patient down. Keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Perform CPR if necessary. Transport to a doctor or hospital.
Advice to doctor	Treat symptomatically. Treat as for an actual or potential allergen.

### Section 5: Fire Fighting Measures

Type of hazard	No unusual hazards associated with fire or explosions are known.
Fire hazard properties	May emit toxic fumes when exposed to fire or heat. Flash point: not known. Ignition temperature 412°C
Special fire fighting precautions	Wear self-contained breathing apparatus.
Extinguish with	Water, 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.

<b>Section 7: Handling and Storage</b> <b>ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS AND WARNINGS</b>	
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.

<b>Section 8: Physical and Chemical Properties</b>	
<b>Item</b>	<b>Description</b>
Appearance	Clear, straw-coloured or yellowish to orange viscous solution.
Odour	Faint, musty.
Flash point	Not known.
Ignition temperature	412 <sup>o</sup> C
Flammability	Not highly flammable, but may burn.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Combustibility	May be combustible.
Corrosiveness	Not corrosive.
Specific gravity	1.067
pH	8 – 10
Solubility	Soluble in water.

<b>Section 9: Stability and Reactivity</b>	
<b>Item</b>	<b>Description</b>
Stability	Stable under recommended storage conditions.
Conditions to avoid	Temperatures exceeding 60 <sup>o</sup> C or less than 2 <sup>o</sup> C.
Materials to avoid	Solvents which may degrade the plastic 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.

<b>Section 10: Toxicological Information</b>	
Oral	Rat : no deaths or toxicity reported at 535 mg/kg.
Skin	Rabbit : no deaths or toxicity reported at 2140 mg/kg, slight irritant.
Inhalation	Rat : no deaths at 1050 mg/m <sup>3</sup> for 1 hour.
Eye contact	Rabbit: slight irritant.

<b>Section 11: Environmental Information</b>	
<b>Item</b>	<b>Description</b>
Aquatic environment	Very ecotoxic in the aquatic environment (Tylosin is very toxic to algae, but is practically non-toxic to fish and crustaceans). No evidence of accumulation in aquatic organisms.
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 and photolysis.

<b>Section 12: Disposal Considerations</b>	
<b>Item</b>	<b>Description</b>
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 and bury in an approved Local Authority facility. DO NOT use the container for any other purpose.

<b>Section 13: Transport Information</b>	
Under the HSNO Control EM1, the transport of quantities of this product in excess of 0.1L 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.	

<b>Section 14: Regulatory Information</b>	
<b>Item</b>	<b>Description</b>
HSNO approval code	HSR002368
HSNO controls	Toxic: T1, T2, T4, T5, T7, E1, E5. Identification: I1, 19, 116, 117, 118, 119, 121, 123, 128, 129 Packaging: P1, P3, P13, P15, PS4 Disposal: D4, D5, D6, D7, D8 Emergency management: EM1, EM6, EM8, EM11, EM12, EM13
Approved handlers	Not required.
ACVM registration	Registered pursuant to the ACVM Act 1997, No. A9713
ACVM controls	See <a href="http://www.nzfsa.govt.nz/acvm/">www.nzfsa.govt.nz/acvm/</a> for registration conditions.