

SAFETY DATA SHEET

STOCKGUARD TETRAGUARD LA

Section 1: Identification of the Substance and Supplier

| Item | Description |
|----------------------------|---|
| Product names | 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. 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 | 1 st June 2006 |

Section 2: Hazards Identification

| Item | Description |
|------------------------|--|
| Hazard classifications | Class 6 Toxic: - 6.1D Acutely toxic. 6.3B Skin irritant. 6.8A Reproductive or developmental toxicant. 6.9B Target organ systemic toxicant. Class 8 Corrosive: Corrosive to ocular (eye) tissue. Class 9 Ecotoxic: - 9.1B Ecotoxic in the aquatic environment. 9.3B Toxic to terrestrial invertebrates. |
| Health hazards | May be harmful if swallowed inhaled or absorbed through the skin. Causes damage to the eyes. Avoid contact with the eyes. Causes skin irritation and may sensitise on prolonged or repeated skin contact, leading to allergic reactions, which may be severe. May cause kidney damage if consumed. May cause reproductive/developmental damage and foetal deformities from repeated exposure. May produce allergic reactions in sensitive individuals. If ingested may cause abdominal pain, vomiting and diarrhoea. |

Section 3: Composition / Information on Ingredients

| Chemical identity of Hazardous Ingredients | CAS no. | Content (% w/v) |
|--|---------------------|-----------------|
| Oxytetracycline dihydrate | 6153-64-6 | 20.0 |
| 2-pyrrolidone | 616-45-5 / 872-50-4 | 25-50% |

Section 4: First Aid Measures

| Item | Description |
|-----------------------------------|---|
| 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. |
| First Aid: 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. |
| 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. |
| Inhaled | 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. |
| 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: not known. |
| 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 & goggles will suffice. For large volumes, protective boots & overalls should also be worn. |
| 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
ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS AND WARNINGS

| | |
|----------|--|
| Handling | Store in original container, tightly closed, away from foodstuffs. Do not eat, drink or smoke while using. When handling wear chemical-resistant gloves, goggles, overalls and shoes. Avoid contact with skin & eyes. Remove protective clothing and wash hands and face thoroughly before meals and after using this product. 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 | Amber solution. |
| Odour | Odourless. |
| Flash point | Not known. |
| Ignition temperature | Not known. |
| Flammability | Not flammable. |
| Explosive properties | Not explosive. |
| Oxidising properties | Not oxidising. |
| Combustibility | Not combustible until the water has been driven off by the heat. |
| Corrosiveness | Not corrosive to metals but classified as corrosive to ocular tissue. |
| Specific gravity | 1.13 |
| pH | 8 – 8.5 |
| Solubility | 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 Oxytetracycline

| | |
|-----------------------|---|
| Acute toxicity (LD50) | Pyrrolidone: Rat, oral: 100,000 mg/kg. |
| Chronic toxicity | Oxytetracycline dihydrate: Rat, oral : 4800mg/kg. Mouse, oral 2240 mg/kg Oxytetracycline: Mouse oral 6700 mg/kg (NOEL) for maternal and developmental toxicity was 250 and 125 mg/kg/day, respectively. |
| 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 & greater sensitisation of human populations using the water). No evidence of accumulation in aquatic organisms. |
| 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 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. 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. |

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

Section 14: Regulatory Information

| Item | Description |
|--------------------|---|
| HSNO approval code | HSR002183 |
| HSNO controls | Toxic: T2, T4, T5, T7. Identification: I1, I2, 18,19, I10, I11,116, 117, 118, 119, I20, 121, I22, 123, 128, 129, I30. Packaging: P1, P3, P13, P14, P15, PG3 Disposal: D4, D5, D6, D7, D8 Emergency management: EM1, EM2, EM6, EM8, EM11, EM12, EM13 |
| Approved handlers | Not required. |
| ACVM registration | Registered pursuant to the ACVM Act 1997, A6389. |
| ACVM controls | See www.nzfsa.govt.nz/acvm/ for registration conditions. |