

SAFETY DATA SHEET

Zoetis New Zealand Limited



Section 1: Identification of the Substance and Supplier

Trade Name: ANTIROBE[®] Aquadrops
ACVM Registration No.: A006893
Classification: Restricted Veterinary Medicine (RVM)
Recommended Use: Oral antibiotic for the treatment of infected wounds, abscesses, dental infections, and osteomyelitis in dogs and cats.
Company Details: Zoetis New Zealand Limited
Address: Level 5, 8 Mahuhu Crescent
Auckland Central
Auckland 1010
New Zealand
Telephone No.: 0800 963 847 (Business Hours)
Emergency Telephone No.: National Poisons Centre: 0800 POISON (0800 764 766)
Emergency Services: In an emergency dial 111
Date of Preparation: 30 June 2014

Section 2: Hazards Identification

Hazard Classification: 6.3B, 6.4A
Priority Identifier(s): WARNING - KEEP OUT OF REACH OF CHILDREN
Secondary Identifier(s): 6.3B May cause mild skin irritation. Avoid skin contact.
6.4A May cause eye irritation. Avoid contact with the eyes.

Section 3: Composition / Information on Ingredients

Chemical Identity of Ingredients

Ingredient	CAS No.	Concentration
Clindamycin hydrochloride	21462-39-5	25.0 g/L
Ethyl alcohol	64-17-5	Proprietary
Other ingredients determined not to be hazardous.	-	-

This is a commercial product whose exact ratio of components may vary.
Trace quantities of impurities are also likely.

Section 4: First Aid Measures

Necessary First Aid Measures:	<p>For advice contact the National Poisons Centre at 0800 POISON (0800 764 766) or a doctor immediately. If the patient is not breathing begin artificial respiration and seek medical advice immediately. Never give fluids or induce vomiting if a patient is unconscious or convulsing, regardless of injury.</p> <p>Ingestion: DO NOT induce vomiting. If the patient is conscious wash mouth out with water. Do not give anything by mouth to an unconscious person. Seek medical advice immediately.</p> <p>Eye Contact: Flush the eye(s) out with running water for at least 15 minutes. Removal of contact lenses should be done with caution within 5 minutes of exposure. If symptoms develop seek medical advice immediately.</p> <p>Skin Contact: Remove any contaminated clothing and wash the affected area immediately with soap and water. If symptoms develop seek medical advice immediately.</p> <p>Inhalation: Move the patient to fresh air. If symptoms develop seek medical advice immediately.</p>
Poisoning Symptoms:	Ingestion of this material may cause effects similar to those generally seen in clinical use of antibiotics including gastrointestinal irritation, vomiting, transient diarrhoea, nausea and abdominal pain. Persons sensitive to this material, or other materials in its chemical class, may develop allergic reactions.
Workplace Facilities:	No specific facilities required. Standard emergency equipment must be available.
Hygiene Practices:	Avoid ingestion, contact with skin and eyes, and inhalation of dusts, mists or vapours. Do not eat, drink or smoke while using this product. Wash hands and exposed skin before eating, drinking or smoking and after work. Wash any protective clothing after use.
Notes for Medical Personnel:	Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Note the nature of this product.

Section 5: Fire-Fighting Measures

Type of hazard:	This product is not flammable; however, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.
Fire Hazard Properties:	Fire decomposition products from this product may form toxic and corrosive mixtures in confined spaces.
Regulatory Requirements:	Not applicable.
Extinguishing Media & Methods:	Use dry chemical, carbon dioxide or water to extinguish fires involving this product.
Hazchem Code:	Not allocated.
Recommended Protective Clothing:	During large-scale fire fighting operations wear approved positive pressure, self-contained breathing apparatus and full protective turn-out gear.

Section 6: Accidental Release Measures

Personal Precautions:	Personnel involved in clean-up should wear appropriate personal protective equipment to minimise exposure. This may include eye protection, chemically resistant gloves, boots and overalls.
Environmental Precautions:	Prevent material from entering surface water drains or waterways. If a significant quantity of material enters drains, advise emergency services.
Procedure for Spills:	<ol style="list-style-type: none">1. Non-essential personnel should be evacuated from the affected area.2. Stop leak and contain the source of spill if it is safe to do so. Reposition any leaking containers to minimise further leakage.3. Absorb the spill with an absorbent material (e.g. sand).4. Collect the spilled material into labelled containers for disposal, minimising dust generation.5. Decontaminate the spill area thoroughly with detergent and water, preventing runoff from entering drains.
Procedure for Disposal:	Contaminated material must be disposed of at an approved landfill or other approved facility in accordance with local, regional and national requirements. Avoid contamination of any water supply with product or empty container.

Section 7: Handling and Storage

Handling

Precautions for Safe Handling:	No special technical protective measures required. No special handling advice required.
Regulatory Requirements:	Not required.
Handling Practices:	Avoid ingestion, contact with skin and eyes, and inhalation of dusts, mists or vapours. Do not eat, drink or smoke while handling this product. Wash hands and exposed skin before eating, drinking or smoking and after work. Wash any protective clothing after use.
Approved Handlers:	Approved handlers are not required for this product.

Storage

Conditions for Safe Storage:	Store below 30°C (Room Temperature). Keep out of reach of children. Store in a well ventilated area in the original container, tightly closed, away from foodstuffs.
Store Site Requirements:	No additional requirements.
Packaging:	Store in the original container, away from foodstuffs.

Section 8: Exposure Control / Personal Protection

Always Read and Follow the Label Instructions and Warnings

Workplace Exposure Guidelines

Workplace Exposure Standards:	A time weighted average (TWA) concentration for an 8-hour day and a 5-day week has not been established by NOHSC Australia for any of the major ingredients in this product. There is a blanket limit of 10 mg/m ³ for dusts or mists when limits have not otherwise been established.
Application in the Workplace:	The nature of this product makes it unlikely that this level will be approached during normal handling.
Exposure Standards Outside the Workplace:	None set.
Engineering Controls:	Engineering controls should be used as the primary means to control exposures. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.
Personal Protection:	<p>The following instructions are for those coming into frequent and / or lengthy contact with this product. For occasional handling employ precautions suitable for the conditions under which the product is being handled.</p> <p>Hands: Impervious gloves are recommended if skin contact is possible and for bulk processing operations.</p> <p>Eyes: It is always prudent to utilise protective eyewear.</p> <p>Skin: When prolonged or frequently repeated contact could occur, utilise chemically protective clothing. Selection of specific items such as a face shield, gloves, boots, or overalls will depend on the situation.</p> <p>Respiratory: Respiratory protection is not normally required; however, if necessary utilise an air-purifying respirator that complies with NZ standards.</p>
General Hygiene:	Change work clothes regularly. Avoid ingestion, contact with skin and eyes, and inhalation of dusts, mists or vapours. Do not eat, drink or smoke while handling this product. Wash hands and exposed skin before eating, drinking or smoking and after work. Wash any protective clothing after use.

Section 9: Physical and Chemical Properties

Appearance:	A colourless to light amber liquid
Odour:	No data available
Specific Gravity / Density:	No data available
Melting Point:	Not applicable. Liquid at normal temperature
Boiling Point:	No data available
pH:	No data available
Solubility in Water:	Soluble
Flashpoint:	Not applicable. This product is not flammable.
Oxidising Properties:	Not applicable. This product is not an oxidiser.
Corrosive Properties:	Not applicable. This product is not corrosive.
Vapour Pressure:	No data available

Section 10: Stability and Reactivity

Stability of the Substance:	This product is stable under normal conditions of use.
Conditions to Avoid:	None known
Material to Avoid:	As a precautionary measure, keep away from strong oxidisers.
Hazardous Decomposition Products:	Fire decomposition products may form toxic and corrosive mixtures in confined spaces.
Hazardous Polymerisation:	This product is unlikely to spontaneously polymerise.
Specific Data:	No specific data available.

Section 11: Toxicological Information

HSNO Classifications

- 6.3B** May cause mild skin irritation. Avoid skin contact.
- 6.4A** May cause eye irritation. Avoid contact with the eyes.

Acute Effects

Acute Toxicity:	Clindamycin Hydrochloride: <ul style="list-style-type: none">• Rat Oral LD 50 2618 mg/kg• Rat Intraperitoneal LD 50 279 mg/kg• Rat Subcutaneous LD 50 891 mg/kg• Mouse Oral LD 50 1479 mg/kg• Mouse Intravenous LD 50 143 mg/kg Ethyl Alcohol: <ul style="list-style-type: none">• Mouse Oral LD50 3,450 mg/kg• Rat Oral LD50 7,060 mg/kg• Mouse Inhalation LC50 4h 39 g/m³• Rat Inhalation LC50 10h 20,000 mg/kg
Sensitisation:	Clindamycin Hydrochloride: <ul style="list-style-type: none">• Eye Irritation Rat No effect• Eye Irritation Rabbit Moderate• Skin Irritation Rat No effect Ethyl Alcohol: <ul style="list-style-type: none">• Eye Irritation Rabbit Severe

Chronic / Long Term Effects

Chronic ingestion of ethanol has been associated with an increased incidence of cancer, liver cirrhosis, and, if ingested during pregnancy, congenital malformations.

Repeated Dose Toxicity:	Clindamycin Hydrochloride <ul style="list-style-type: none">• 6 Month(s) Rat Oral 600 mg/kg/day NOAEL No effects at maximum dose• 6 Month(s) Dog Oral 600 mg/kg/day LOAEL Gastrointestinal system• 1 Year(s) Rat Oral 300 mg/kg/day NOAEL No effects at maximum dose• 1 Month(s) Dog Oral 300 mg/kg/day NOAEL No effects at maximum dose
Reproduction & Development Toxicity:	Clindamycin Hydrochloride <ul style="list-style-type: none">• Reproductive & Fertility Rat Oral 300 mg/kg/day NOAEL Fertility• Embryo / Foetal Development Mouse Oral 600 mg/kg/day NOAEL Not Teratogenic• Embryo / Foetal Development Rat Oral 600 mg/kg/day NOAEL Not Teratogenic• Embryo / Foetal Development Rat Subcutaneous 250 mg/kg/day NOAEL Not Teratogenic
Genetic Toxicity:	Clindamycin Hydrochloride <ul style="list-style-type: none">• Bacterial Mutagenicity (Ames) <i>Salmonella</i> Negative• <i>In Vitro</i> Micronucleus Negative

Section 12: Ecotoxicity Information

HSNO Classifications

Not applicable. This product is not classified as ecotoxic.

The environmental characteristics of this material have not been fully evaluated.
Avoid contamination of any water supply with product or empty container.

Ecotoxicity Effects

Toxicity to Birds:	Not applicable.
Acute Toxicity to Fish:	Not applicable.
Toxicity to Algae:	Not applicable.
Toxicity to Aquatic Invertebrates:	Not applicable.
Toxicity to Soil Dwelling Organisms:	Not applicable.
Acute Toxicity to Bees:	Not applicable.

Environmental Fate

No information available.

Section 13: Disposal Considerations

Product Disposal:	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.
Container Disposal:	Dispose of empty containers by wrapping in paper and putting in garbage for disposal at an approved landfill, or other approved facility in accordance with local, regional and national regulations. Avoid contamination of any water supply with empty container.

