

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**COMMON NAME:** ANTIROBE AQUADROPS® Liquid  
**USE:** Veterinary product indicated for the treatment of soft-tissue infections (wounds and abscesses), dental infections and osteomyelitis caused by susceptible strains of *Staphylococcus aureus*. Not for human use.

**MANUFACTURER/SUPPLIER:**

PHARMACIA & UPJOHN  
7171 PORTAGE RD  
KALAMAZOO, MI 49001-0199

**TELEPHONE NUMBERS:**

(616) 833-5122 - (24 Hours Emergency)  
(616) 833-7555 - (8:00 AM – 4:30 PM, EST Emergency)  
(800) 253-8600 - (8:00 AM – 4:30 PM, EST)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENT 1**

**COMMON NAME:** Water.  
**% BY WEIGHT:** 80% to 90%  
**CAS NUMBER:** 7732-18-5  
**EXPOSURE LIMIT(S):** Not established.

**INGREDIENT 2**

**COMMON NAME:** Ethyl Alcohol.  
**% BY WEIGHT:** 8.64%  
**CAS NUMBER:** 64-17-5  
**EXPOSURE LIMIT(S):**  
OSHA PEL-TWA: 1,000 PPM  
ACGIH TLV-TWA: 1,000 PPM

**INGREDIENT 3**

**COMMON NAME:** Clindamycin hydrochloride.  
**CHEMICAL NAME:** *L-threo-I-D-galacto-*Octopyranoside, methyl 7-chloro-6,7,8-trideoxy- 6-[[[(1-methyl-4-propyl-2-pyrrolidinyl)-carbonyl] amino]-1-thio-, (2*S-trans*)-, monohydrochloride  
**% BY WEIGHT:** 2% to 3% (25 mg/mL)  
**CAS NUMBER:** 21462-39-5  
**EXPOSURE LIMIT(S):**  
PHARMACIA & UPJOHN EXPOSURE LIMIT-TWA:  
0.1 mg/m<sup>3</sup>

**EXPOSURE LIMIT(S) FOR THE MATERIAL:** Not established.

### 3. HAZARDS IDENTIFICATION

**PRIMARY ROUTE(S) OF EXPOSURE:** Skin contact, eye contact, inhalation and ingestion.

**EFFECTS OF OVEREXPOSURE:** May cause sensitization reactions in some individuals.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Hypersensitivity to lincomycin or clindamycin.

### 4. FIRST AID MEASURES

**EYES:** Flush with water for 15 minutes. Hold eyelids open to assure complete contact with water.

**SKIN:** Wash with soap and water. Remove contaminated clothing.

**INHALATION:** Remove from exposure.

**INGESTION:** Contact a physician or poison control center.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT (CLOSED CUP):** 125°F (approximately)

**LOWER EXPLOSION LIMIT (LEL):** No information found.

**UPPER EXPLOSION LIMIT (UEL):** No information found.

**EXTINGUISHING MEDIA:** Water, carbon dioxide, or dry chemical.

**FIRE-FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** Thermal decomposition may generate toxic vapors.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide. Carbon dioxide. Nitrogen oxides. Sulfur oxides. Hydrochloric acid.

### 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Provide ventilation and respiratory, skin and eye protection to prevent over-exposure. Keep out of drains; prevent entry to surface water, ground water and soil. Vacuum or scoop spilled material and place in container.

### 7. HANDLING AND STORAGE

**PRECAUTIONS FOR HANDLING AND STORING:**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse. Store in a cool dry place. Protect from light. Keep out of reach of children.

# Pharmacia & Upjohn

Agent ID# 42187

## ANTIROBE AQUADROPS® Liquid MATERIAL SAFETY DATA SHEET

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Not required.  
**VENTILATION:** Local exhaust.  
**PROTECTIVE GLOVES:** Not required.  
**EYE PROTECTION:** Not required.  
**OTHER PROTECTIVE EQUIPMENT:** Not required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE/PHYSICAL STATE:** Liquid.  
**MOLECULAR WEIGHT:** Mixture.  
**SOLUBILITY IN WATER:** Soluble.

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.  
**PHYSICAL CONDITIONS TO AVOID:** None.  
**INCOMPATIBILITY WITH OTHER MATERIALS:**  
None.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None.  
**HAZARDOUS POLYMERIZATION:** Does not occur.

### 11. TOXICOLOGICAL INFORMATION

**ACUTE STUDIES:** The following information is for clindamycin hydrochloride.  
**ORAL LD50 (RAT):** 2,193 mg/kg  
**INTRAPERITONEAL LD50 (RAT):** 745 mg/kg  
**SUBCUTANEOUS LD50 (RAT):** 2,618 mg/kg  
**OTHER STUDIES:**  
**CARCINOGENICITY:** Ingredient(s) are not listed as carcinogenic by IARC, NTP or OSHA.

### 12. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of by incineration in accordance with applicable international, national, state and/or local waste disposal regulations.

### 13. SHIPPING REGULATIONS

**TRANSPORTATION MODE:** Air, surface, water.  
**PROPER SHIPPING NAME:** Flammable liquids, N.O.S. (ethyl alcohol).  
**HAZARD CLASS:** 3 (Flammable liquid).  
**SUBSIDIARY RISK:** (None).  
**UN/NA NUMBER:** UN1993.  
**PACKING GROUP:** III.

**EMERGENCY RESPONSE GUIDE:** 27.  
**IMDG CODE PAGE:** 3345.  
**TRANSPORTATION LABELS:** Flammable liquid.  
**SPECIAL PROVISIONS:** None known. This material qualifies for DOT Exemption DOT E-9275.

### 14. OTHER INFORMATION

**PREPARED BY:** Environment & Safety  
**DISCLAIMER:** The MSDS information is believed to be correct but should only be used as a guide. Pharmacia & Upjohn disclaims any express or implied warranty as to the accuracy of the MSDS information and shall not be held liable for any direct, incidental or consequential damages resulting from reliance on the information.

### 15. LABELING

This drug is subject to FDA labeling requirements; therefore, it is exempt from the labeling requirements of the OSHA Hazard Communication Standard.

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June 16, 1997