

Identity: Keratolux[®] Tar Free Medicated Shampoo with Spherulites[®] Microcapsules[®] Anti-Irritant and Anti-Adhesive Technology[®] for Dogs, Cats and Horses
 Product Code 002008, 002010, 002016

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Section I

Supplier Information:

Emergency Telephone Number

Name: VIRBAC CORP.
 Virbac AH Inc.
 Address: P. O. BOX 162059
 City: FORT WORTH
 State: TX 76161

Transportation: Chemtrec 800-424-9300
 Other emergencies:
POISON CONTROL CENTER or 911
 Telephone Number for Information
 Contact Virbac: 800/338-3659

Section II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
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Non Hazardous as defined by 29CFR Part 1910.1200

(Special Chemical Identification; Common Name)

Active Ingredients:

Sodium Salicylate	Not Applicable	Not Applicable	Not Applicable	54-21-7	1% w/w
Zinc Gluconate	Not Applicable	Not Applicable	Not Applicable	4468-02-4	0.5% w/w
Pyridoxine Hydrochloride	Not Applicable	Not Applicable	Not Applicable	58-56-0	0.5% w/w

Other Ingredients:

Purified Water	Not Applicable	Not Applicable	Not Applicable		
Cleaning Agents	Not Applicable	Not Applicable	Not Applicable		
Spherulites Microcapsules	Not Applicable	Not Applicable	Not Applicable		
Zinc Gluconatae (encapsulated)	Not Applicable	Not Applicable	Not Applicable	4468-02-4	
Pyridoxine HCl	Not Applicable	Not Applicable	Not Applicable	58-56-0	
Lauryl Glucoside	Not Applicable	Not Applicable	Not Applicable	59122-55-3	
Vitamin F (source of fatty acids)	Not Applicable	Not Applicable	Not Applicable		
Pirotone Olamine	Not Applicable	Not Applicable	Not Applicable		
Imidazolidinyl Urea	Not Applicable	Not Applicable	Not Applicable	39236-46-9	
<i>Melaleuca altemifolia</i> (tea tree oil)	Not Applicable	Not Applicable	Not Applicable	68647-73-4	
d-Galactose	Not Applicable	Not Applicable	Not Applicable	59-23-4	
d-Mannose	Not Applicable	Not Applicable	Not Applicable	3458-28-4	
l-Rhamnose	Not Applicable	Not Applicable	Not Applicable	10030-85-0	

May Contain:

Sodium Hydroxide	Not Applicable	Not Applicable	Not Applicable	1310-73-2	
Lactic Acid	Not Applicable	Not Applicable	Not Applicable	50-21-5	
Sodium Chloride	Not Applicable	Not Applicable	Not Applicable	7647-14-5	

Section III - Physical/Chemical Characteristics

Boiling Point:	Not Applicable
Specific Gravity (H ₂ O = 1):	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Melting Point:	Not Applicable
Vapor Density (AIR = 1):	Not Applicable
Evaporation Rate (Butyl Acetate = 1):	Not Applicable
Solubility in Water:	Complete
Appearance and Odor:	White to yellow pearlescent liquid with characteristic odor.

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Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used):	Not Applicable
Flammable Limits:	LEL: Not Applicable UEL: Not Applicable
Extinguishing Media:	Water spray, dry chemical, carbon dioxide, or foam suitable for the surrounding fire and materials.
Special Firefighting Procedures:	Wear self-contained breathing apparatus with full-face piece and protective clothing.
Unusual Fire and Explosion Hazards:	Not Applicable

Section V - Reactivity Data

Stability	STABLE
Incompatibility	(Materials to Avoid): Strong oxidizer agents.
Hazardous Decomposition or Byproducts:	None
Hazardous Polymerization	WILL NOT OCCUR
Conditions to Avoid:	None Known

Section VI - Health Hazard Data

Routes of Entry:	Inhalation? NO	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic):	None presently known.		
Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure:	Possible irritant to skin or eyes.		
Medical Conditions Generally Aggravated by Exposure:	Hypersensitivity to the material.		

Emergency and First Aid Procedures

INGESTED: If appreciable quantities are swallowed, call a physician or the Poison Control Center.

SKIN CONTACT: If irritation develops, discontinue use or wear rubber gloves. Wash affected area with soap and water. If irritation persists, contact a physician

EYE CONTACT: Immediately rinse eyes with water for a minimum of 15 minutes holding eye open. Remove contact lenses, if present, after the first 5 minutes. Call a physician if irritation persists.

INHALATION: If symptoms of overexposure are noted, reduce exposure by supplying fresh air. Should not cause breathing problems.

Note to Physician:

This solution has a low oral and dermal toxicity, and is minimally irritating to the eyes and practically non-irritating to the skin. Treatment is controlled removal of exposure followed by symptomatic and supportive care.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:	Material is slippery. Spills occurring during normal use should not create any significant environmental problems. For large spill dike and contain spill. Mop up, flush with water.
Waste Disposal Method:	Small amounts-flush down drain. Large amounts should be disposed in accordance with all applicable federal, state and local laws.
Precautions to be Taken in Handling or Storage:	Store in a tightly closed container, in a cool dry area below 75°F (25°C).
Other Precautions:	Keep out of the reach of children. Wash hands after using product. Avoid contact with eyes. For animal use only. For topical use only.

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Section VIII - Control Measures

Respiratory Protection:	Not necessary under recommended conditions of use.	
Ventilation	Local Exhaust:	No special ventilation required when used according to label directions.
	Special:	Not Applicable
	Mechanical (General):	Not Applicable
Protective Gloves:	Waterproof gloves; preferably elbow length for prolonged or repeated exposure.	
Eye Protection:	Not necessary under recommended conditions of use. Glasses or goggles, if splashing may occur.	
Other Protective Clothing or Equipment:	Protective clothing, i.e. waterproof gloves, preferably elbow length, and waterproof aprons should be worn by persons, who repeatedly use or are exposed to this product in grooming operations.	
Work/Hygienic Practices:	When using do not eat, drink or smoke. Wash hands after using. Read and follow directions on product label. Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.	

Section IX - Additional Information

Keratolux is a registered trademark-of Virbac AH, Inc.

Spherulites is a registered trademark of VBSA.

Anti-Adhesive Technology is a registered trademark of Virbac Corporation.

Disclaimer of Expressed and Implied Warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

Prepared by Regulatory Affairs Department

New MSDS Dated: May 10, 2010

Supersedes MSDS Date: March 3, 2009