

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078012118

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078348090 078348108

Identity: KetoCHLOR™ Shampoo with Spherulites®

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Product Code 002808, 002810, 002816

**Section I**

Supplier Information:

Emergency Telephone Number

Name: VIRBAC CORP. (Virbac AH Inc.,  
Allerderm®, Francodex®, Mardel®, St.  
JON®, PMResources, Zema®)Contact: **POISON CONTROL CENTER or 911**

Address: P. O. BOX 162059

City: FORT WORTH

Telephone Number for Information

State: TX 76161

Contact Virbac: 800/338-3659

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Special Chemical Identification; Common Name)	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
None					
Composition/Information on Ingredients					
Water	Not Applicable	Not Applicable	Not Applicable	7732-18-5	
Sodium (C14-16) Olefin Sulfonate	Not Applicable	Not Applicable	Not Applicable	68439-57-6	
Chlorhexidine Gluconate	Not Applicable	Not Applicable	Not Applicable	18472-51-0	
Cocamidopropyl Betaine	Not Applicable	Not Applicable	Not Applicable	61789-40-0	
Spherulites®	Not Applicable	Not Applicable	Not Applicable		
Polyalkylene Glycols	Not Applicable	Not Applicable	Not Applicable		
Ketoconazole	Not Applicable	Not Applicable	Not Applicable	665277-42-1	
Chitamide	Not Applicable	Not Applicable	Not Applicable		
Lactic Acid	Not Applicable	Not Applicable	Not Applicable	50-21-5	
Fragrance	Not Applicable	Not Applicable	Not Applicable		
Acrylamide	Not Applicable	Not Applicable	Not Applicable		
Methychloroisothiazolinone (and) methylisothiazoinone	Not Applicable	Not Applicable	Not Applicable		
FD&C Red #4	Not Applicable	Not Applicable	Not Applicable	4548-53-2	

**Section III - Physical/Chemical Characteristics**

Boiling Point:	212°F
Specific Gravity (H <sub>2</sub> O = 1):	1.0
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:	Clear yellow/orange liquid with characteristic odor.

**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:	Not Applicable
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:	Not Applicable

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**Section VI - Health Hazard Data**

Routes of Entry:	Inhalation? NO	Skin? Yes	Ingestion? Yes
	<b>Considered Non-Hazardous</b>		
Health Hazards (Acute and Chronic):			
Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO

Signs and Symptoms of Exposure:  
 Possible irritant to skin or eyes.  
 Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea and diarrhea.

Medical Conditions Generally Aggravated by Exposure: None presently known.

**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:** Rinse eyes with water for a minimum of 15 minutes and 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:	Dike and contain spill. Mop up, flush with water.
Waste Disposal Method:	Small amounts-flush down drain. Large amounts should be disposed in a sanitary landfill.
Precautions to be Taken in Handling or Storage:	Store at controlled room temperature.
Other Precautions:	Keep out of the reach of children.

**Section VIII - Control Measures**

Respiratory Protection:	None required.	
Ventilation	Local Exhaust:	Not Applicable
	Special:	Not Applicable
	Mechanical (General):	Not Applicable
Protective Gloves:	Rubber gloves for prolonged or repeated exposure	
Eye Protection:	Glasses or goggles	
Other Protective Clothing or Equipment:	None required.	
Work/Hygienic Practices:	Wash hands after using.	

**Section IX - Additional Information**

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 QA Department  
 New MSDS Dated: April 2, 2003  
 Supercedes MSDS Date: NA