

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT GlyChlorK Shampoo

FILE NO.: GCK08

DATE: 7/7/2014

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GlyChlorK Shampoo

MANUFACTURER: Dermazoo, LLC

DIVISION: Veterinary

ADDRESS: 8909 Iverleigh Court, Potomac, MD 20854

EMERGENCY PHONE: (301) 365-0192

CHEMTREC PHONE: (800) 424-9300

FAX PHONE: (301) 983-2369

POISON CONTROL CENTER PHONE: (800) 222-1222

CHEMICAL FORMULA: Mixture

PRODUCT USE: Medicated Shampoo for Dogs, Cats, Horses

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Concentration
Chlorhexidine Gluconate	18472-51-0	2.0%
Ketoconazole	65277-42-1	1.0%

CAUTION: Avoid contact with eyes and skin. Harmful if swallowed. Keep out of the reach of children.

SECTION 2 NOTES: Product should be used according to manufacturer's directions

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is not classified as "Hazardous Material" in normal use.

ROUTES OF ENTRY: Eye, Skin, Ingestion

POTENTIAL HEALTH EFFECTS:

EYES: May cause severe irritation to eyes upon contact

SKIN: In sensitive individuals continued contact with skin may cause irritation or rash

INGESTION: Not intended for ingestion. Ingestion may cause discomfort, nausea and vomiting

INHALATION: No adverse effects are expected during normal conditions of use

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

CARCINOGENICITY: IARC, NTP and OSHA do not list this product or its ingredients as carcinogens

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SECTION 4: FIRST AID MEASURES

EYES: Wash with running water for at least 15 minutes, holding the eyes open. Seek medical attention if irritation, soreness or redness persists

SKIN: If irritation develops, wash skin thoroughly with soap and water. if irritation persists, obtain medical attention.

INGESTION: Do not induce vomiting unless told to do so by a Poison Control Center or a Physician. Contact a Poison Control Center or a Physician for treatment advice. Never give anything by mouth to an unconscious person,

INHALATION: Should not be a problem, but if symptomatic, remove to fresh air and seek medical attention

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Not Applicable
(% BY VOLUME) LOWER:

NFPA and HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0
OTHER:

Scale: 0 = Minimum 1 = Low 2 = Moderate 3 = High 4 = Extreme

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding materials.

PROTECTIVE FIRE FIGHTING EQUIPMENT: Wear full protective clothing and self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Can release hazardous vapors during a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Wear appropriate protective clothing. Wipe up and transfer into suitable containers for recovery or disposal. Prevent the material from entering drains or waterways,

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store at room temperature. Avoid extremes of temperature. Store away from children and pets. Do not store near foodstuffs. Avoid contact with eyes. Wash hands thoroughly after handling and before eating, smoking or drinking.

OTHER PRECAUTIONS: Good housekeeping procedures should be followed

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

VENTILATION : Normal

RESPIRATORY PROTECTION: None Needed

EYE PROTECTION: Wear goggles as may cause eye irritation if product enters eye

SKIN PROTECTION: Not required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None Needed

WORK HYGIENIC PRACTICES: Good housekeeping procedures should be followed

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Somewhat viscous reddish-orange clear liquid

ODOR: Pleasant

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 5.9

BOILING POINT:

F: approx 212°F

C: approx 100°C

MELTING POINT:

F: N/A

C: N/A

FREEZING POINT:

F: approx. 32°F

C: approx. 0°C

VAPOR PRESSURE (mmHg): N/A

@

F:

C:

VAPOR DENSITY (AIR = 1): N/A

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SPECIFIC GRAVITY (H2O = 1): specific gravity = 1.001

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F: 77°F

C: 25°C

SOLUBILITY IN WATER: Soluble

VISCOSITY: 2000 cps

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F: 77°F

C: 25°C

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Product is considered stable under normal conditions

CONDITIONS TO AVOID (STABILITY): Heat, high temperatures

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, Alkalis

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Toxic fumes, Carbon Monoxide, Carbon Dioxide

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not expected to be toxic to aquatic life at this level.

Chlorhexidine Gluconate: LD50 oral rat: 1800 mg/kg

Ketoconazole: LD50 oral rat 225 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Contains a substance, Chlorhexidine Gluconate which is not readily biodegradable

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Clean all spills immediately, If large spill contain and absorb spill with sand or other inert material. Dispose of in proper containers according to state, local and federal regulations.

RCRA HAZARD CLASS: Not Listed

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not regulated by the U.S. Department of Transportation and therefor not considered a hazardous material

TDG Canadian Transportation: Not regulated under the Department of Dangerous Goods (TDG)

International Transportation: Not regulated under international rail, road, water or air transportation

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Chlorhexidine Gluconate appears on the EPA TSCA Inventory list

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Listed

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SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Listed

311/312 HAZARD CATEGORIES: Not considered a hazard

CA PROPOSITION 65: Not listed

INTERNATIONAL REGULATIONS: Not listed

OSH Carcinogen: Not listed

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Prepared By DermaZoo

DISCLAIMER: This MSDS was prepared with the best knowledge of the health and safety information of the specified product and how to safely handle the specified product in your usage. No guarantee is expressed or implied regarding the accuracy of these data. No representation is given that the information provided is complete in all respects.