



MATERIAL SAFETY DATA SHEET
ALLERMYL® Shampoo
ANTI-IRRITANT ANTI-ADHESIVE TECHNOLOGY®
Product Code: 002408 and 002416

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

Product Name ALLERMYL® Shampoo
ANTI-IRRITANT ANTI-ADHESIVE TECHNOLOGY®

Product Description Shampoo for dogs and cats

Manufacturer/Supplier Virbac AH, Inc.

Address P.O. Box 162059
Fort Worth, Texas 76161

Phone Number (800) 338-3659 for Technical Support

Chemtrec Number (24 hour) (800) 424-9300

Emergency Number: (800) 338-3659 for Human and Animal Medical Emergencies

MSDS Revision Date: March 4, 2011

Supersedes MSDS Dated: April 1, 2010

Material Safety Data Sheet in compliance with OSHA's Hazcom Standard (29 CFR 1910.1200)

2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION!

Avoid contact with eyes and skin.
Harmful if swallowed.
Avoid breathing vapors.
Keep out of reach of children.
Read entire label before each use.

Routes of Entry

Eye contact - Skin contact - Ingestion - Inhalation

Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs

Eyes - Skin - Respiratory System

Health Effects - Eyes

Contact with eyes may cause severe irritation.

Health Effects - Skin

Contact with skin may cause severe irritation.

Health Effects - Ingestion

Harmful if swallowed. Ingestion of this material may cause gastrointestinal effects such as nausea, vomiting and diarrhea.

Health Effects - Inhalation

No adverse effects are expected during normal conditions of use. Prolonged, repeated inhalation may cause irritation or nose, throat and respiratory tract.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Concentration
Chlorhexidene Gluconate	18472-51-0	0.1%
Surfactants	N/A	10 - 20%



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Concentration
Sodium Chloride	7647-14-5	1 - 5%
Collagen	N/A	1 - 5%
Ethoxylated Ester	N/A	1 - 5%

4. FIRST AID MEASURES

Eyes

Immediately flood the eye with plenty of water for at least 15-20 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

If irritation develops wash skin thoroughly with soap and water. Obtain medical attention if redness or soreness persists.

Ingestion

Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

Remove person to fresh air. Seek medical attention if symptoms persist.

Advice to Physicians

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Extinguishing Media

Use extinguishing media appropriate for surrounding materials.

Unusual Fire and Explosion Hazards

Can release hazardous vapors during a fire.

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. 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 watercourses.

7. HANDLING AND STORAGE

Store in original container in a cool, dry place. Store away from children and pets. Do not store near foodstuffs. Do not contaminate water, food or feed by storage. Wear appropriate protective clothing. Avoid contact with eyes. Wash hands thoroughly after handling and before eating, drinking or smoking. Store at room temperature between 59°F and 86°F. Avoid prolonged exposure to excessive heat.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards

Exposure limits are listed below, if they exist.

Chlorhexidene Gluconate

None established

Surfactant(s)

None established

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Sodium Chloride

None established

Collagen

None established

Ethoxylated Ester

None established

Engineering Control Measures

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

Respiratory Protection

Not required under normal conditions of use. Professional groomers and those with repeated and extended exposures should consider the use of respiratory protection if there is a risk of exposure to high vapor concentrations. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.

Hand Protection

Chemical resistant gloves.

Eye Protection

Safety glasses or goggles.

Body Protection

Waterproof apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Yellow pearlescent
Odor	None
pH	No data available
Specific Gravity	No data available
Boiling Range/Point (°C/F)	No data available
Melting Point (°C/F)	No data available
Flash Point (PMCC) (°C/F)	Not flammable
Explosion Limits (%)	No data available
Vapor Pressure	No data available
Density	No data available
Solubility in Water	Soluble
Vapor Density (Air = 1)	No data available



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10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

Heat - high temperatures

Materials to Avoid

Strong acids – oxidizing agents

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

Oxides of carbon – aldehydes – sulfur oxides

11. TOXICOLOGICAL INFORMATION

See product packaging for additional information.

Acute Toxicity

Chlorhexidine Gluconate: Oral LD50 (rat) (male) 2,292 mg/kg (female) 3,055 mg/kg (analogous compound)

Chlorhexidine Gluconate: Dermal LD50 (rabbit) >2000 mg/kg (analogous compound)

Chlorhexidine Gluconate: Inhalation LC50 (rat) 0.30mg/l (males), 0.43 mg/l (females) (analogous compound)

Ethoxylated Ester: Oral LD50 (rat) \geq 5000 mg/kg

Surfactant: Oral LD50 (rabbit) >10,000 mg/kg (analogous compound)

Surfactant: Dermal LD50 (rabbit) >2000 mg/kg (analogous compound)

Specific Target Organ Systemic Toxicity (single and repeat)

Chlorhexidine Gluconate: In a dermal toxicity study with rabbits that were topically treated, systemic liver effects were noted at the 500mg/kg/day level. (analogous compound)

Serious Eye damage/Eye Irritation

Chlorhexidine Gluconate: Irritating to the eye. (analogous compound)

Surfactant: Severe eye irritant. (analogous compound)

Skin Corrosion/Irritation

Chlorhexidine Gluconate: Subchronic toxicity, rat, dermal - dermal irritant (analogous compound)

Surfactant: Severe skin irritant. (analogous compound)

Respiratory or Skin Sensitization

Ethoxylated Ester: Did not cause allergic skin reactions in human testing.

Carcinogenicity

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

Chlorhexidine Gluconate: Gene mutation – no adverse effect (analogous compound)

Chlorhexidine Gluconate: Chromosome effects – no adverse effects (analogous compound)

Chlorhexidine Gluconate: DNA Damage – no adverse effects (analogous compound)

Ethoxylated Ester: Negative in vitro mutagenicity studies.

Toxicity to Reproduction

Chlorhexidine Gluconate: Teratology- rat – no adverse effect (analogous compound)



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12. ECOLOGICAL INFORMATION

Mobility

No relevant studies identified.

Persistence/Degradability

Glycol: Inherently biodegradable.

Bio-accumulation

No relevant studies identified.

Ecotoxicity

Chlorhexidine Gluconate:LC50 Oncorhynchus Mykiss (Rainbow trout, Donaldson trout) 1.9 ppm/96 hr

LC50 Lepomis macrochirus (Bluegill sunfish) 0.6 ppm/96 hr (analogous compound)

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

Contact supplier for transport information.

15. REGULATORY INFORMATION

US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS

TSCA Listing

This product contains ingredients that are not listed on the EPA Toxic Substance Control Act Chemical Substance (TSCA) Inventory.

DSL (Canadian) Listing

This product contains ingredients that are not listed on the Domestic Substance List (DSL).

WHMIS Classification

D.2.B

This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.

MA Right To Know Law

This product contains the following chemicals on the Massachusetts Right to Know Law: BHT (128-37-0) \leq 0.5% - Sodium Sulfate(7757-82-6) $<$ 0.5%

PA Right To Know Law

This product contains the following chemicals on the Pennsylvania Hazardous Substance List: Sodium Sulfate(7757-82-6) $<$ 0.5% - Diethanolamine (111-42-2) $<$ 0.1%

NJ Right To Know Law

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: BHT (128-37-0) \leq 0.5%

California Proposition 65

This product contains trace amounts of the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: Arsenic(7440-38-2) – Lead(7439-92-1) – Formaldehyde(50-00-0) – Ethylene oxide(75-21-8) - 1,4 Dioxane (123-91-1)

SARA Title III Sect. 311/312 Categorization

Immediate (acute)

SARA Title III Sect. 313

This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None



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16. OTHER INFORMATION

NFPA Ratings

NFPA Code for Flammability - 0

NFPA Code for Health - 1

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards – 0

HMIS Ratings

HMIS Code for Flammability - 0

HMIS Code for Health – 1

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

Abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists

BOD: Biological Oxygen Demand

CAS#: Chemical Abstracts Service Number

FIFRA: Federal Insecticide, Fungicide and Rodenticide Act

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

N/A: Denotes no applicable information found or available

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TSCA: Toxic Substance Control Act

For further information call: (800) 338-3659

Prepared By: EnviroNet LLC

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