

SAFETY DATA SHEETS

This SDS packet was issued with item:

078502322

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

078502314

MATERIAL SAFETY DATA SHEET**MSDS # 3510-370****Identity: Epi-Otic[®] Advanced Ear Cleanser for Dogs, Cats, Puppies and Kittens**
Product Code 003104 and 003108**Page 1 of 2****Section I**

Supplier Information:

Emergency Telephone Number

Name: VIRBAC CORP. (Virbac AH Inc.,
Allerderm[®], Francodex[®], Mardel[®], St.
JON[®], PMResources, Zema[®])

Transportation: Chemtrac 800-424-9300

Other emergencies:
POISON CONTROL CENTER or 911

Address: P. O. BOX 162059

City: FORT WORTH

State: TX 76161

Telephone Number for Information

Contact Virbac: 800/338-3659

Section II - Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
Non Hazardous as defined by 29CFR Part 1910.1200 (Special Chemical Identification; Common Name)					
Salicylic Acid	Not Applicable	Not Applicable	Not Applicable	69-72-2	0.2%
in a mild citrus aroma cleansing solution with patented anti-odor technology containing:					
Disodium EDTA	Not Applicable	Not Applicable	Not Applicable		
Dosusate sodium	Not Applicable	Not Applicable	Not Applicable		
PCMX	Not Applicable	Not Applicable	Not Applicable		
Monosaccharide complex of l-rhamnose, d-galactose, d-mannose	Not Applicable	Not Applicable	Not Applicable		
FD&C Blue #1	Not Applicable	Not Applicable	Not Applicable		

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:	Not Applicable
Appearance and Odor:	Clear blue liquid with a citrus 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

MATERIAL SAFETY DATA SHEET**MSDS # 3510-370****Identity: Epi-Otic[®] Advanced Ear Cleanser for Dogs, Cats, Puppies and Kittens**
Product Code 003104 and 003108**Page 2 of 2****Section VI - Health Hazard Data**

Routes of Entry:	Inhalation? YES	Skin? YES	Ingestion? YES
Health Hazards (Acute and Chronic):			
Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
Signs and Symptoms of Exposure:	Irritating to eyes and skin following contact. High concentrations of mist or aerosols may irritate respiratory passages. If ingested, may irritate mouth, pharynx, esophagus and stomach.		

Medical Conditions Generally Aggravated by Exposure: Skin contact may aggravate existing skin disease.

Emergency and First Aid Procedures

INGESTED: If appreciable quantities are swallowed, call a physician or the Poison Control Center. Do not induce vomiting. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice. Wash contaminated clothing before reuse.

EYE CONTACT: Hold eye open and rinse slowly with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes. Call a Poison Control Center or doctor for treatment advice.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a Poison Control Center or doctor for further treatment advice.

Note to Physician:

This solution has a low oral and dermal toxicity is minimally irritative to the eyes and respiratory tract, and practically non-irritating to the skin. Reversible skin sensations may occur and ordinary skin salves have been found useful in reducing discomfort. Treatment otherwise indicated 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. Clean with inert absorbent material and collect for disposal.
Waste Disposal Method:	Wrap container and dispose of 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.
Other Precautions:	Keep out of the reach of children. For animal use only. For topical use only. Avoid contact with eyes.

Section VIII - Control Measures

Respiratory Protection:	Not applicable
Ventilation	Local Exhaust: Not Applicable Special: Not Applicable Mechanical (General): Not Applicable
Protective Gloves:	Waterproof gloves, preferably elbow length for prolonged or repeated exposure
Eye Protection:	NIOSH approved safety glasses or goggles.
Other Protective Clothing or Equipment:	Protective clothing, i.e., and waterproof aprons should be worn by persons, who repeatedly use or are exposed to this product in grooming operations.
Work/Hygienic Practices:	Wash hands after using.

Section IX - Additional Information

Epi-Otic, ALLERDERM and St. JON are registered trademarks of Virbac AH, Inc.
Francodex is a registered trademark of VBSA.
Mardel and Zema are registered trademarks 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 QA Department
New MSDS Dated: February 17, 2006
Supersedes MSDS Date: January 26, 2006

Identity: Epi-Otic[®] Advanced Ear Cleanser for Dogs, Cats, Puppies and Kittens
Product Code 003104 and 003108



SAFETY DATA SHEET

EPI-OTIC® Advanced Ear Cleanser

1. IDENTIFICATION

Product Name	EPI-OTIC® Advanced Ear Cleanser
Recommended use of the chemical and restrictions on use	
Identified uses	Ear cleanser for dogs, cats, puppies, and kittens
Restrictions on Use	For animal use only. Available through licensed veterinarians only.
Company Identification	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161 (800) 338-3659
Customer Information Number	
Emergency Telephone Number	
CHEMTREC Number	(800) 424-9300
Other Emergency Number:	Poison Control Center: 1-800-222-1222 (human) HOT LINE NUMBER: 1-800-345-4735 (human and pet)
Issue Date	December 14, 2017
Supersedes Date	August 12, 2015
<i>Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)</i>	

2. HAZARD IDENTIFICATION

Hazard Classification
Skin Sensitization – Category 1

Label Elements
Hazard Symbols



Signal Word: Warning

Hazard Statements
May cause an allergic skin reaction.

Precautionary Statements
Prevention

Avoid breathing mist, vapors or spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.

Response

If on skin: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

Storage

None

Disposal

Dispose of contents/container in accordance with local and national regulations.
None



2. HAZARD IDENTIFICATION

Other Hazards

None

Specific Concentration Limits

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity	<10%
Acute dermal toxicity	<10%
Acute inhalation toxicity	<10%
Acute aquatic toxicity	<10%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:

This product is a mixture.

Component Name	CAS Number	Concentration
Diethylene glycol monoethyl ether	111-90-0	1 - 5%
Salicylic Acid	69-72-7	0.1 - <1.0%
Chloroxylonol	88-04-0	0.1 - <1.0%

4. FIRST - AID MEASURES

Description of necessary first-aid measures

Eyes

Immediately flood the eye with plenty of water, 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.

Most important symptoms/effects, acute and delayed

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

Indication of immediate medical attention and special treatment needed

Notes to Physicians

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Extinguishing Media

Use extinguishing media appropriate for surrounding materials.



5. FIRE - FIGHTING MEASURES

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

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing.

Environmental Precautions

Prevent the material from entering drains or watercourses.

Methods and materials for containment and cleaning up

Wipe up and transfer into suitable containers for recovery or disposal. Prevent the material from entering drains or watercourses.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate protective clothing.

Conditions for safe storage

Store in original container at room temperature. Store away from children and pets.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Diethylene glycol monoethyl ether

Supplier recommended limit: 25 ppm TWA

Appropriate engineering controls

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

Individual protection measures

Respiratory Protection

Not required under normal conditions of use.

Skin Protection

Gloves

Eye/Face Protection

Not required under normal conditions of use.

Body Protection

Normal work wear.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State	Liquid
Color	Blue
Odor	Citrus
Odor Threshold	No data available
pH	Neutral
Density	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
Vapor Pressure	No data available
Evaporation Rate (BuAc=1)	No data available
Solubility in Water	Soluble
Vapor Density (Air = 1)	No data available
VOC	No data available
Partition coefficient (n-octanol/water)	Not applicable
Viscosity	Not applicable
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Upper explosive limit	No data available
Lower explosive limit	No data available
Flammability (solid, gas)	No data available

10. STABILITY AND REACTIVITY

Reactivity

Data is not available

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Heat - high temperatures

Incompatible Materials

Strong oxidizers

Hazardous Decomposition Products

Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Salicylic acid

Oral LD50 (rat) 891 mg/kg,

Dermal LD50 (rabbit) >2000 mg/kg

Inhalation LC50 (rat) >0.9 mg/l (dust)



11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Diethylene glycol monoethyl ether

Oral LD50 (rat) >5000 mg/kg

Dermal LD50 (rabbit) >9143 mg/kg

Chloroxylenol

Oral LD50 (rat) >3830 mg/kg

Dermal LD50 (rat) >2000 mg/kg

Specific Target Organ Toxicity (STOT) – single exposure

Available data indicates this product is not expected to cause target organ effects after a single exposure.

Specific Target Organ Toxicity (STOT) – repeat exposure

Available data indicates this product is not expected to cause target organ effects after repeated exposure.

Serious Eye damage/Irritation

Salicylic acid: Severe eye irritant (rabbit)

Skin Corrosion/Irritation

Available data indicates this product is not expected to cause skin irritation.

Respiratory or Skin Sensitization

Chloroxylenol: May cause an allergic skin reaction.

Salicylic acid: May cause allergic reactions in people with aspirin sensitivities and asthma.

Carcinogenicity

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

Available data indicates this product is not expected to be mutagenic.

Reproductive Toxicity

Available data indicates this product is not expected to cause reproductive toxicity or birth defects.

Aspiration Hazard

Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Salicylic acid

Not classified as hazardous to the aquatic environment (ECHA)

Diethylene glycol monoethyl ether

Not classified as hazardous to the aquatic environment (ECHA)

Mobility in soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.



12. ECOLOGICAL INFORMATION

Bioaccumulative Potential

No relevant studies identified.

Other adverse effects

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

14. TRANSPORT INFORMATION

Contact supplier for transport information.

15. REGULATORY INFORMATION

United States TSCA Inventory

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Substance (TSCA) Inventory.

Canada DSL Inventory

This product contains ingredients that have not been verified for listing on the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL).

California Proposition 65

This product contains materials which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III Sect. 311/312 Categorization

Skin Sensitizer

SARA Title III Sect. 313

This product contains a chemical that is listed in Section 313 at or above de minimis concentrations. The following listed chemicals are present: Diethylene glycol monoethyl ether(111-90-0)

16. OTHER INFORMATION

Legend

ACGIH: American Conference of Governmental Industrial Hygienists

BOD: Biological Oxygen Demand

CAS#: Chemical Abstracts Service Number

ECHA: European Chemicals Agency

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



16. OTHER INFORMATION

Legend

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TSCA: Toxic Substance Control Act

Revision Date: December 14, 2017

Replaces: August 12, 2015

Changes made: Update to classification and regulatory information.

Information Source and References

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

Prepared By: EnviroNet LLC.

EPI-OTIC is a registered trademark of Virbac AH, Inc.

The information and recommendations presented in this SDS are based on sources believed to be accurate. Virbac AH, Inc. assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the material for their particular purposes. In particular, we make NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should ensure that any use or disposal of the material is in accordance with applicable Federal, State, and local laws and regulations.