

SAFETY DATA SHEETS

This SDS packet was issued with item:

078011654

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

078011662 078011670

MATERIAL SAFETY DATA SHEET

Identity: EPI-OTIC® Ear Solution for Dogs and Cats with SPHERULITES®

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Section I

Supplier Information

Name: VIRBAC CORP. (Virbac AH, Inc, Allerderm®) Emergency Telephone Number
Address: P. O. BOX 162059 Contact POISON CONTROL CENTER
City: FORT WORTH Telephone Number for Information
State: TX 76161 800/338-3659

Date Prepared: 06/15/98

Company name updated 09/16/03

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Special Chemical Identification; Common Name)	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
NONE					

Section III - Physical/Chemical Characteristics

Boiling Point: 212° F (GT)
Specific Gravity (H₂O = 1): 1.04
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: Light blue, clear to slightly hazy liquid with a characteristic odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): Not Flammable
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

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Section V - Reactivity Data

Stability --> STABLE

Incompatibility (Materials to Avoid): None Known

Hazardous Decomposition or Byproducts: None Known

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 Known

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure: None Known

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures

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

SKIN CONTACT - Wash exposed skin with soap and water. If irritation develops, contact a physician.

EYE CONTACT - Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

INHALATION - Not applicable

Other Information: If irritation results, discontinue use.

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: 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.

Section VIII - Control Measures

Respiratory Protection (Specify Type): Not Applicable

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Ventilation

Local Exhaust: Not Applicable

Special: Not Applicable

Mechanical (General): Not Applicable

Protective Gloves: Rubber Gloves, if necessary

Eye Protection: Not Applicable

Other Protective Clothing or Equipment: Not Applicable

Work/Hygienic Practices: Not Applicable

Section IX - Additional Information



SAFETY DATA SHEET

EPI-OTIC® Ear Cleanser with SPHERULITES® Microcapsules

1. IDENTIFICATION

Product Name	EPI-OTIC® Ear Cleanser with SPHERULITES® Microcapsules
Recommended use of the chemical and restrictions on use	
Identified uses	Ear cleanser for dogs, cats, puppies and kittens
Restrictions on Use	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	June 30, 2015
Supersedes Date	March 2, 2011
<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
Serious eye damage/eye irritation - Category 2A

Label Elements
Hazard Symbols



Signal Word: Warning

Hazard Statements
Causes serious eye irritation.

Precautionary Statements

Prevention

Wear eye protection and face protection.
Wash hands thoroughly after handling.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical advice/attention.

Storage

None

Disposal

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
Lactic Acid	79-33-4	1 - 3 %
Salicylic Acid	69-72-7	0.1 - <1.0%

4. FIRST AID MEASURES

Description of necessary first-aid measures

Eyes

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

Skin

Wash skin 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

None known

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. Avoid contact with eyes. Wash hands thoroughly after handling and before eating, drinking or smoking.

Conditions for safe storage

Store in original container in a cool, dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Salicylic Acid

None established

Lactic Acid

None established

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

Safety glasses or goggles.

Body Protection

Waterproof apron.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State	Liquid
Color	Light Blue
Odor	Apple Blossom
Odor Threshold	No data available
pH	No data available
Specific Gravity	1.04
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 - acids - bases

Hazardous Decomposition Products

Oxides of carbon – organic compounds



11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Lactic Acid:

Oral LD50 (rat) >2000 mg/kg

Dermal LD50 (rabbit) >2000 mg/kg

Inhalation LC50 (rat) >7.94 mg/l

Salicylic acid

Oral LD50 (rat) 891 mg/kg

Specific Target Organ Toxicity (STOT) – single exposure

No relevant studies identified.

Specific Target Organ Toxicity (STOT) – repeat exposure

No relevant studies identified.

Serious Eye damage/Irritation

Lactic Acid: Severe eye irritation (rabbit)

Salicylic acid: Severe eye irritant (rabbit)

Skin Corrosion/Irritation

Lactic Acid: Skin irritation at >10%

Salicylic acid: Slightly irritating (rabbit)

Respiratory or Skin Sensitization

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

Salicylic acid: Not mutagenic in laboratory studies.

Reproductive Toxicity

No relevant studies identified.

Aspiration Hazard

Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No relevant studies identified.

Mobility in soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bioaccumulative Potential

No relevant studies identified.



12. ECOLOGICAL INFORMATION

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 is exempted from the US EPA Toxic Substance Control Act.

Canada DSL Inventory

This product is exempted from the Canadian Environmental Protection Act.

California Proposition 65

This product does not contain any chemicals which the State of California has found to cause cancer, birth defects or other reproductive harm.

SARA Title III Sect. 311/312 Categorization

Immediate (Acute) Health Hazard

SARA Title III Sect. 313

The following chemicals are listed in Section 313 at or above de minimis concentrations: None.

16. OTHER INFORMATION

Legend

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



16. OTHER INFORMATION

Revision Date: June 30, 2015
Replaces: March 2, 2011
Changes made: Updated to GHS classification.

Information Source and References

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

Prepared By: EnviroNet LLC.

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