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

Customer Information Number:
(800) 338-3659

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

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)

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.

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Salicylic Acid</td>
<td>69-72-7</td>
<td>0.1 - &lt;1.0%</td>
</tr>
<tr>
<td>Chloroxylenol</td>
<td>88-04-0</td>
<td>0.1 - &lt;1.0%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Blue</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Neutral</td>
</tr>
<tr>
<td>Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Range/Point (°C/F)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point (°C/F)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point (PMCC) (°C/F)</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation Rate (BuAc=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper explosive limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Lower explosive limit</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Data is not available</td>
</tr>
<tr>
<td>Chemical Stability</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>Hazardous polymerization will not occur.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Heat - high temperatures</td>
</tr>
<tr>
<td>Incompatible Materials</td>
<td>Strong oxidizers</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Oxides of carbon</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td></td>
</tr>
<tr>
<td>Salicylic acid</td>
<td></td>
</tr>
<tr>
<td>Oral LD50 (rat) 891 mg/kg.</td>
<td></td>
</tr>
<tr>
<td>Dermal LD50 (rabbit) 2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Inhalation LC50 (rat) 0.9 mg/l (dust)</td>
<td></td>
</tr>
</tbody>
</table>
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.

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