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:
Human Toll-free 833-224-2009
Animal Toll-free 833-224-2013

Issue Date: March 2, 2020
Supersedes Date: December 14, 2017

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>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

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).

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
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: March 2, 2020
Replaces: December 14, 2017
Changes made: Update to emergency numbers and section 15.

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.