1. IDENTIFICATION

Product Name
EPI-SOOTHE® Shampoo with SPHERULITES® Microcapsules ANTI-IRRITANT ANTI-ADHESIVE TECHNOLOGY®

Recommended use of the chemical and restrictions on use
Identified uses
Shampoo for dogs, cats, and horses
Restrictions on Use
For external use only in animals. Not for otic use.

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 3, 2020

Supersedes Date
December 16, 2016

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. HAZARDS IDENTIFICATION

Hazard Classification
Eye Damage/Irritation - Category 2A
Skin corrosion/irritation - Category 2

Label Elements
Hazard Symbols

Signal Word: Warning

Hazard Statements
Causes serious eye irritation.
Causes skin irritation.

Precautionary Statements
Prevention
Wash hands thoroughly after handling.
Wear eye protection, face protection and protective gloves.

Response
If on skin: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
Take off contaminated clothing and wash before re-use.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.
2. HAZARDS IDENTIFICATION

Storage
None

Disposal
Dispose of contents/container in accordance with local regulation.

Other Hazards
None

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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute oral toxicity</td>
<td>10 - 20%</td>
</tr>
<tr>
<td>Acute dermal toxicity</td>
<td>10 - 20%</td>
</tr>
<tr>
<td>Acute inhalation toxicity</td>
<td>20 - 30%</td>
</tr>
<tr>
<td>Acute aquatic toxicity</td>
<td>20 - 30%</td>
</tr>
</tbody>
</table>

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>Sulfuric acid, mono-C-10-16-alkyl esters, sodium salts</td>
<td>68585-47-7</td>
<td>1-&lt;10%</td>
</tr>
<tr>
<td>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>1 - 5%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Description of necessary 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.

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.

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. Avoid contact with skin, eyes and clothing. Wash and remove contaminated clothing before reuse. Avoid breathing vapors. Wash hands thoroughly after handling and before eating, drinking or smoking.

Conditions for safe 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure limits are listed below, if they exist.

Glycerin (Mist)
OSHA: PEL 5 mg/m³ 8h TWA respirable fraction
              15mg/m³ 8h TWA total dust

Appropriate engineering controls
No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.
8. EXPOSURE CONTROLS/PERSOAL PROTECTION

Individual protection measures
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 or aerosols. 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.

Skin Protection
Elbow length chemical resistant gloves.

Eye/Face Protection
Safety glasses or goggles.

Body Protection
Waterproof apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

Conditions to Avoid
Heat - high temperatures

Incompatible Materials
None known.

Hazardous Decomposition Products
Oxides of carbon - nitrogen oxides - oxides of sulfur - aldehydes

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Sulfuric acid, mono-C-10-16-alkyl esters, sodium salts
Oral LD50 (rat) 2000 mg/kg
Dermal LD50 (rabbit) 11,300 mg/kg
Glycerin
Oral LD50 (rat) >5000 mg/kg
Dermal LD50 (guinea pig) >50,000 mg/kg
Inhalation LC50 (rat) >2.75 mg/L 4hr

Specific Target Organ Toxicity (STOT) – single exposure
Available data indicates this product is not expected to cause target organ effects after a single exposure.
Sulfuric acid, mono-C-10-16-alkyl esters, sodium salts: May cause respiratory irritation.

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
Sulfuric acid, mono-C-10-16-alkyl esters, sodium salts: Not an irritant at <10% in animal studies. (similar compound)
Cocamidopropyl betaine: Causes eye irritation.

Skin Corrosion/Irritation
Sulfuric acid, mono-C-10-16-alkyl esters, sodium salts: Irritating to skin in rabbit studies (similar compound)
Cocamidopropyl betaine: Causes skin irritation.

Respiratory or Skin Sensitization
Available data indicates this product is not expected to cause skin sensitization.

Carcinogenicity
Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity
No data available.

Reproductive Toxicity
Available data indicates this product is not expected to cause reproductive toxicity or birth defects.
11. TOXICOLOGICAL INFORMATION

Aspiration Hazard
Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Cocamidopropyl betaine
EC50 Crustacea 1.9 mg/l 48 hours
LC50 Fish 0.7 mg/l 96 hours
Sulfuric acid, mono-C-10-16-alkyl esters, sodium salts
EC50 Crustacea 1.18 mg/l 48 hours

Mobility in soil
No relevant studies identified.

Persistence/Degradability
No relevant studies identified.

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 an ingredient that has not been verified for listing on the Toxic Substance Control
Act Chemical Inventory.

Canada DSL Inventory
This product contains an ingredient that has not been verified for listing on the Domestic Substance List
(DSL).

SARA Title III Sect. 311/312 Categorization
Serious Eye Irritation, Skin Irritation

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

Revision Date: March 3, 2020
Replaces: December 16, 2016
Changes made: Update to emergency numbers and sections 8 and 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.

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