

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078011845

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078011837 078011852



June 1991

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health AdministrationForm 100-100  
OMB No. 14-10387

## MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)ALLERDERM/VIRBAC  
P O BOX 162059  
FORT WORTH TX 76161

ON I

EMERGENCY TELEPHONE NO.  
800-338-3659CHEMICAL NAME AND SYNONYMS  
Propylene GlycolTRADE NAME AND SYNONYMS  
Epi-Soothe ConditionerCHEMICAL FAMILY  
GlycolsFORMULA  
Humectant Conditioner

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	N/A		BASE METAL	N/A	
CATALYST	N/A		ALLOYS	N/A	
VEHICLE Propylene Glycol	36		METALLIC COATINGS	N/A	
SOLVENTS	N/A		FILLER METAL PLUS COATING OR CORE FLUX	N/A	
ADDITIVES	N/A		OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	GT 212°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1) @ 25°C	1.06
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%) water	70
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N
SOLUBILITY IN WATER	Miscible		
APPEARANCE AND ODOR	Colorless clear liquid with characteristic odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	no explosion hazard	FLAMMABLE LIMITS	Lei
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
Use conventional fire extinguisher			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

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(Continued on reverse side)

Form  
Rev. 1ALLERDERM EPI-SOOTHE  
CONDITIONER  
ALLERDERM/VIRBAC

Epi-Soothe Conditioner [Allerderm/Virbac] | 684

11126-001



## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Discontinue use if irritation develops

EMERGENCY AND FIRST AID PROCEDURES

contact physician

## SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

fire

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WASTE DISPOSAL METHOD

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST  
use exhaust fan after fire  
MECHANICAL (General)

SPECIAL

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

store in tight container

OTHER PRECAUTIONS

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GPO 200-340

Form OSHA-20  
Rev. May 72





# **SAFETY DATA SHEET**

## **EPI-SOOTHE® Shampoo with SPHERULITES® Microcapsules**

### **ANTI-IRRITANT ANTI-ADHESIVE TECHNOLOGY®**

#### **1. IDENTIFICATION**

<b>Product Name</b>	EPI-SOOTHE® Shampoo with SPHERULITES® Microcapsules ANTI-IRRITANT ANTI-ADHESIVE TECHNOLOGY®
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Identified uses</b>	Shampoo for dogs, cats, and horses
<b>Restrictions on Use</b>	For external use only in animals. Not for otic use.
<b>Company Identification</b>	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161 (800) 338-3659
<b>Customer Information Number</b>	
<b>Emergency Telephone Number</b>	
<b>CHEMTREC Number</b>	(800) 424-9300
<b>Other Emergency Number:</b>	Human Toll-free 833-224-2009 Animal Toll-free 833-224-2013
<b>Issue Date</b>	March 3, 2020
<b>Supersedes Date</b>	December 16, 2016
<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. 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.



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## 2. HAZARDS IDENTIFICATION

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**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.

Acute oral toxicity	10 - 20%
Acute dermal toxicity	10 - 20%
Acute inhalation toxicity	20 - 30%
Acute aquatic toxicity	20 - 30%

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Synonyms:**

This product is a mixture.

Component Name	CAS Number	Concentration
Sulfuric acid, mono-C-10-16-alkyl esters, sodium salts	68585-47-7	1 - <10%
Cocamidopropyl betaine	61789-40-0	1 - 5 %
Glycerin	56-81-5	1 - 5%

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## 4. FIRST AID MEASURES

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**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.



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## 5. FIRE - FIGHTING MEASURES

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### 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.

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## 6. ACCIDENTAL RELEASE MEASURES

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### 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.

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## 7. HANDLING AND STORAGE

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### 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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Control parameters

Exposure limits are listed below, if they exist.

### Glycerin (Mist)

OSHA: PEL 5 mg/m<sup>3</sup> 8h TWA respirable fraction  
15mg/m<sup>3</sup> 8h TWA total dust

### Appropriate engineering controls

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



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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Appearance

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

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## 10. STABILITY AND REACTIVITY

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### Reactivity

Data is not available

### Chemical Stability

Stable under normal conditions.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.



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## 10. STABILITY AND REACTIVITY

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### Conditions to Avoid

Heat - high temperatures

### Incompatible Materials

None known.

### Hazardous Decomposition Products

Oxides of carbon - nitrogen oxides - oxides of sulfur - aldehydes

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## 11. TOXICOLOGICAL INFORMATION

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### 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.





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## 11. TOXICOLOGICAL INFORMATION

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### Aspiration Hazard

Not an aspiration hazard.

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## 12. ECOLOGICAL INFORMATION

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### 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.

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## 13. DISPOSAL CONSIDERATIONS

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### Disposal Methods

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

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## 14. TRANSPORT INFORMATION

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Contact supplier for transport information.

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## 15. REGULATORY INFORMATION

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### 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



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**16. OTHER INFORMATION**

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**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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SPHERULITES is a registered trademark of Virbac S.A.

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**VIRBAC (AUSTRALIA) PTY. LTD.**

<b>Document No:</b> <b>Epi-Soothe S</b> <b>Oatmeal.Doc</b> <b>Revision D</b>	<b>SAFETY DATA SHEET</b>  Product Name: Epi-soothe S Oatmeal Shampoo with Spherulites	<b>Page: 1 of 4</b> <b>Date of Issue</b> <b>8 April, 2013</b>
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**Section 1 - Identification of The Material and Supplier**

<b>Company:</b>	<b>Virbac (Australia) Pty. Ltd</b>	ABN 77 003 268 871
<b>Address</b>	361 Horsley Rd, Milperra, NSW 2214, Australia Locked Bag 6000, Milperra Business Centre, NSW 1891, Australia	
<b>Telephone:</b>	(02) 9772 9772 or 1800 242 100	
<b>Fax:</b>	(02) 9772 9773	
<b>Emergency phone</b>	As above during business hours; answering machine after hours	

<b>Chemical nature:</b>	Oatflour suspension with skin and coat conditioning ingredients.
<b>Trade Name:</b>	Epi-soothe S Oatmeal Shampoo with Spherulites
<b>Product Code:</b>	EPISP237, EPISP500, EPISP3.5
<b>Product Use:</b>	Use for the soothing effects of oatmeal while cleansing the skin and coat of dogs and cats.
<b>Creation Date:</b>	<b>July, 2002</b>
<b>This version issued:</b>	<b>April, 2013</b> and is valid for 5 years from this date.

**Section 2 - Hazards Identification****STATEMENT OF HAZARDOUS NATURE**

This product is classified as: Not classified as hazardous according to the criteria of SWA Australia.  
Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

**Risk Phrases:** Not Hazardous - No criteria found.

**Safety Phrases:** Not Hazardous - No criteria found.

**SUSMP Classification:** None allocated.

**ADG Classification:** None allocated. Not a Dangerous Good.

**UN Number:** None allocated

**GHS Signal word: NONE. Not hazardous.**

**RESPONSE**

P337: If eye irritation persists: seek medical attention.

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P332+P313: If skin irritation occurs: Get medical advice.

P337+P313: If eye irritation persists: Get medical advice.

P391: Collect spillage.

P370+P378: In case of fire: Not Combustible. Use extinguishing media suited to burning materials.

**STORAGE**

P402+P404: Store in a dry place. Store in a closed container.

**DISPOSAL**

P501: Dispose of contents and containers to landfill.

**Emergency Overview**

**Physical Description & colour:** Pale blue suspension. Presented in plastic bottles and jerry cans.

**Odour:** Mild odour.

**Major Health Hazards:** No major health hazards are known.

**Potential Health Effects****Inhalation**

**Short term exposure:** Available data indicates that this product is not harmful. In addition, this product is unlikely to cause any discomfort or irritation.

**Long Term exposure:** No data for health effects associated with long term inhalation.

**Skin Contact:**

**Short term exposure:** Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition, this product is unlikely to cause any discomfort in normal use.

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**Long Term exposure:** No data for health effects associated with long term skin exposure.

#### Eye Contact:

**Short term exposure:** Available data shows that this product is not harmful. However, this product may be mildly irritating to eyes, but is unlikely to cause anything more than mild discomfort which should disappear once product is removed.

**Long Term exposure:** No data for health effects associated with long term eye exposure.

#### Ingestion:

**Short term exposure:** This product is unlikely to cause any health problems in the short or long term.

**Long Term exposure:** No data for health effects associated with long term ingestion.

#### Carcinogen Status:

**SWA:** No significant ingredient is classified as carcinogenic by SWA.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

### Section 3 – Composition/Information on Ingredients

Ingredients	CAS No	Conc, %	TWA (mg/m3)	STEL (mg/m3)
Oatflour	not set	2	not set	not set
Other non hazardous ingredients	secret	10-30	not set	not set
Water	7732-18-5	to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

### Section 4 - First Aid Measures

#### General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this MSDS with you when you call.

**Contact or Poisoning:** From the available evidence, this product would appear to offer no significant health hazard by any exposure route. Consequently, First Aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

### Section 5 – Fire Fighting Measures

**Fire and Explosion Hazards:** There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Fire decomposition products from this product are likely to be harmful if inhaled. Take suitable protective measures. This product is likely to decompose only after heating to dryness, followed by further strong heating.

**Extinguishing Media:** Not Combustible. Use extinguishing media suited to burning materials.

**Fire Fighting:** If a significant quantity of this product is involved in a fire, call the fire brigade.

**Flash point:** Does not burn.

**Upper Flammability Limit:** No data.

**Lower Flammability Limit:** No data.

**Autoignition temperature:** No data.

**Flammability Class:** No data.

### Section 6 – Accidental Release Measures

**Accidental release:** This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good



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practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

## Section 7 – Handling and Storage

**Handling:** Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** Store packages of this product in a cool place. Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10. Some liquid preparations settle or separate on standing and may require stirring before use. Check packaging - there may be further storage instructions on the label.

## Section 8 Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

### SWA Exposure Limits

### TWA (mg/m<sup>3</sup>)

### STEL (mg/m<sup>3</sup>)

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

**Ventilation:** No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that dusts are minimised.

**Eye Protection:** Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

**Skin Protection:** The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when handling this product.

**Protective Material Types:** There is no specific recommendation for any particular protective material type.

**Respirator:** Not usually necessary.

## Section 9 - Physical and Chemical Properties:

**Physical Description & colour:** Pale blue suspension. Presented in plastic bottles and jerry cans.

**Odour:** Mild apple odour.

**Boiling Point:** Approximately 100°C at 100kPa.

**Freezing/Melting Point:** Approximately 0°C.

**Volatiles:** Water component.

**Vapour Pressure:** 2.37 kPa at 20°C (water vapour pressure).

**Vapour Density:** No data.

**Specific Gravity:** No data

**Water Solubility:** Miscible.

**pH:** No data

**Volatility:** No data.

**Odour Threshold:** No data.

**Evaporation Rate:** No data.

**Coeff Oil/water distribution:** No data

## Section 10 – Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

**Conditions to Avoid:** None known.

**Incompatibilities:** No particular incompatibilities.

**Fire Decomposition:** Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death. Hydrogen cyanide poisoning signs and symptoms are weakness, dizziness, headache, nausea, vomiting, coma, convulsions, and death. Death results from respiratory arrest. Hydrogen cyanide gas acts very rapidly; symptoms and death can both occur quickly.

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**Polymerisation:** This product is unlikely to undergo polymerisation processes.

## Section 11 – Toxicological Information

**Target Organs:** There is no data to hand indicating any particular target organs.

### Classification of Hazardous Ingredients

Ingredient	Risk Phrases
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No hazardous ingredients present in hazardous concentrations.

## Section 12 – Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

## Section 13 – Disposal Considerations

**Disposal:** Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

## Section 14 – Transport Information

**ADG Code:** This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

## Section 15 – Regulatory Information

**AICS:** All of the significant ingredients in this product are compliant with NICNAS regulations.

## Section 16 – Other Information

**This MSDS contains only safety-related information. For other data see product literature.**

<b>Contact point:</b>	<b>Technical Manager, QA Manager or R&amp;D Director</b>
<b>Telephone</b>	<b>(02) 9772 9772 or 1800 242 100</b>
<b>Fax</b>	<b>(02) 9772 9773</b>

### Acronyms:

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>SWA</b>	Safe Work Australia, formerly ASCC and NOHSC
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UN Number</b>	United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This MSDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

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# SAFETY DATA SHEET

## EPI-SOOTHE<sup>®</sup> Shampoo with SPHERULITES<sup>®</sup> Microcapsules ANTI-IRRITANT ANTI-ADHESIVE TECHNOLOGY<sup>®</sup>

### 1. IDENTIFICATION

<b>Product Name</b>	EPI-SOOTHE <sup>®</sup> Shampoo with SPHERULITES <sup>®</sup> Microcapsules ANTI-IRRITANT ANTI-ADHESIVE TECHNOLOGY <sup>®</sup>
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Identified uses</b>	Shampoo for dogs, cats, and horses
<b>Restrictions on Use</b>	For external use only in animals. Not for otic use.
<b>Company Identification</b>	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161 (800) 338-3659
<b>Customer Information Number</b>	
<b>Emergency Telephone Number</b>	
<b>CHEMTREC Number</b>	(800) 424-9300
<b>Other Emergency Number:</b>	Poison Control Center: 1-800-222-1222 (human) HOT LINE NUMBER: 1-800-345-4735 (human and pet)
<b>Issue Date</b>	December 16, 2016
<b>Supersedes Date</b>	December 3, 2014
<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. 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.



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## 2. HAZARDS IDENTIFICATION

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**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.

Acute oral toxicity	10 - 20%
Acute dermal toxicity	10 - 20%
Acute inhalation toxicity	20 - 30%
Acute aquatic toxicity	20 - 30%

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Synonyms:**

This product is a mixture.

Component Name	CAS Number	Concentration
Sulfuric acid, mono-C-10-16-alkyl esters, sodium salts	68585-47-7	1 - <10%
Cocamidopropyl betaine	61789-40-0	1 - 5 %
Glycerin	56-81-5	1 - 5%

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## 4. FIRST AID MEASURES

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**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.



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## 5. FIRE - FIGHTING MEASURES

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### 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.

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## 6. ACCIDENTAL RELEASE MEASURES

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### 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.

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## 7. HANDLING AND STORAGE

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### 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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Control parameters

Exposure limits are listed below, if they exist.

### Glycerin (Mist)

ACGIH: TLV 10 mg/m<sup>3</sup> 8h TWA.

OSHA: PEL 5 mg/m<sup>3</sup> 8h TWA respirable fraction

15mg/m<sup>3</sup> 8h TWA total dust

### Appropriate engineering controls

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





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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### Appearance

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

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## 10. STABILITY AND REACTIVITY

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### Reactivity

Data is not available

### Chemical Stability

Stable under normal conditions.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.



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## 10. STABILITY AND REACTIVITY

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### Conditions to Avoid

Heat - high temperatures

### Incompatible Materials

None known.

### Hazardous Decomposition Products

Oxides of carbon - nitrogen oxides - oxides of sulfur - aldehydes

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## 11. TOXICOLOGICAL INFORMATION

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### 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.



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**11. TOXICOLOGICAL INFORMATION**

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**Aspiration Hazard**

Not an aspiration hazard.

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**12. ECOLOGICAL INFORMATION**

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**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.

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**13. DISPOSAL CONSIDERATIONS**

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**Disposal Methods**

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

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**14. TRANSPORT INFORMATION**

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Contact supplier for transport information.

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**15. REGULATORY INFORMATION**

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**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).

**California Proposition 65**

This product contains trace amounts the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: Methanol - Formaldehyde

**SARA Title III Sect. 311/312 Categorization**

Health Hazards: Eye irritation, Skin Irritation





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**15. REGULATORY INFORMATION**

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**SARA Title III Sect. 313**

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

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**16. OTHER INFORMATION**

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**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: December 16, 2016

Replaces: December 3, 2014

Changes made: Updated to GHS classification, formulation change

**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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