1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

Product Name: SEBOLUX® Medicated Shampoo with SPHERULITES® Microcapsules ANTI-IRRITANT ANTI-ADHESIVE TECHNOLOGY®
Product Description: Medicated shampoo for dogs, cats, and horses
Manufacturer/Supplier: Virbac AH, Inc.
Address: P.O. Box 162059
Fort Worth, Texas 76161
Phone Number: (800) 338-3659 for Technical Support
Chemtrec Number (24 hour): (800) 424-9300
Emergency Number: (800) 338-3659 for Human and Animal Medical Emergencies
MSDS Revision Date: July 31, 2012
Supersedes MSDS Dated: March 7, 2011

Material Safety Data Sheet in compliance with OSHA’s Hazcom Standard (29 CFR 1910.1200)

2. HAZARDS IDENTIFICATION

Emergency Overview
CAUTION!
Avoid contact with eyes, skin and clothing.
Harmful if swallowed.
Contains a material which may cause cancer.
Keep out of reach of children.
Read entire label before each use.

Routes of Entry
Eye contact - Skin contact - Ingestion - Inhalation - Absorption

Carcinogenic Status
Considered carcinogenic by NTP, IARC, and OSHA. (See Section 11)

Target Organs
Eyes - Skin - Respiratory System - Central Nervous System - Kidneys - Liver - Reproductive (See Section 11)

Health Effects - Eyes
Contact with eyes can cause severe irritation.

Health Effects - Skin
Contact with skin can cause irritation. Skin absorption of salicylic acid may enhance the symptoms of ingestion.

Health Effects - Ingestion
Harmful if swallowed. Ingestion of this material may cause gastrointestinal effects such as nausea, vomiting, diarrhea, abdominal cramps and constipation. Ingestion of large quantities may cause reproductive and developmental abnormalities and adverse effects to the central nervous system, liver and kidneys.

Health Effects - Inhalation
No adverse effects are expected during normal conditions of use. Prolonged, repeated inhalation may cause irritation to the respiratory tract.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salicylic Acid</td>
<td>69-72-7</td>
<td>~2%</td>
</tr>
<tr>
<td>Sodium Laurel Sulfate</td>
<td>151-21-3</td>
<td>4 - 8%</td>
</tr>
<tr>
<td>Sodium Thiosulfate</td>
<td>7772-98-7</td>
<td>3 - 5%</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>0.1 - &lt;1%</td>
</tr>
<tr>
<td>Alkylpolyglycoside</td>
<td>110615-47-9</td>
<td>5 -15%</td>
</tr>
</tbody>
</table>

4. 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.

   **Advice 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

   Wear appropriate protective clothing. Wipe up and transfer into suitable containers for recovery or disposal. Prevent the material from entering drains or watercourses.

7. HANDLING AND 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. 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.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards
Exposure limits are listed below, if they exist.

**Salicylic Acid**  
None established

**Sodium Laurel Sulfate**  
None established

**Sodium Thiosulfate**  
None established

**Diethanolamine (Inhalable fraction and vapor)**  
ACGIH: TLV 1 mg/m³ 8h TWA.

**Alkylpolyglycoside**  
None established

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

**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.

**Hand Protection**  
Elbow length chemical resistant gloves.

**Eye Protection**  
Safety glasses or goggles.

**Body Protection**  
Waterproof apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Off white</td>
</tr>
<tr>
<td>Odor</td>
<td>Floral</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0</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>Explosion Limits (%)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</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>
</tbody>
</table>

10. STABILITY AND REACTIVITY

**Stability**  
Stable under normal conditions.
10. STABILITY AND REACTIVITY

Conditions to Avoid
Heat - high temperatures

Materials to Avoid
Strong oxidizers – strong acids - bases

Hazardous Polymerization
Will not occur.

Hazardous Decomposition Products

11. TOXICOLOGICAL INFORMATION

See product packaging for additional information.

Acute Toxicity
Salicylic acid: Oral LD50 (rat) 891 mg/kg, Dermal LD50 (rabbit) >10,000 mg/kg,
Inhalation LC50 >900 mg/m³ (rat)
Sodium Lauryl Sulfate: Oral LD50 (rat) 1288 mg/kg

Specific Target Organ Systemic Toxicity (single and repeat)
Salicylic acid: Chronic exposure may cause adverse effects to the central nervous system, lungs, kidneys and liver. Skin absorption of salicylic acid may enhance the symptoms of ingestion.

Serious Eye damage/Eye Irritation
Salicylic acid: Severe eye irritant (rabbit)
Sodium Lauryl Sulfate: Irritating to eyes (rabbit)
Alkylpolyglycoside: Severely irritating to eyes.

Skin Corrosion/Irritation
Salicylic acid: Slightly irritating (rabbit)
Sodium Lauryl Sulfate: Irritating to skin (rabbit)
Alkylpolyglycoside: Irritating to skin.

Respiratory or Skin Sensitization
Salicylic acid: May cause allergic reactions in people with aspirin sensitivities and asthma.

Carcinogenicity
Diethanolamine: (IARC Group 2B) Possibly carcinogenic to humans.

Germ Cell Mutagenicity
Salicylic acid: Not mutagenic in laboratory studies.
Sodium Lauryl Sulphate: Negative when tested for mutagenicity using the Salmonella/microsome preincubation assay.

Toxicity to Reproduction
Salicylic acid: Based on animal feeding studies, may cause reproductive and development abnormalities.

12. ECOLOGICAL INFORMATION

Mobility
No relevant studies identified.

Persistence/Degradability
Salicylic acid: Readily biodegradable

Bio-accumulation
No relevant studies identified.

Ecotoxicity
Salicylic acid: EC50 fresh water algae 100 mg/l 72 hr, EC50 Daphnia 180 mg/l 24hr
13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT CFR 172.101 Data</th>
<th>UN Proper Shipping Name</th>
<th>UN Class</th>
<th>UN Number</th>
<th>UN Packaging Group</th>
<th>Classification for AIR</th>
<th>Transportation (IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>Consult current IATA Regulations prior to shipping by air.</td>
<td></td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA Listing</td>
</tr>
<tr>
<td>This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Substance (TSCA) Inventory.</td>
</tr>
<tr>
<td>DSL (Canadian) Listing</td>
</tr>
<tr>
<td>This product contains ingredients that have not been verified for listing on the Domestic Substance List (DSL).</td>
</tr>
<tr>
<td>WHMIS Classification</td>
</tr>
<tr>
<td>D.2.A</td>
</tr>
<tr>
<td>This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.</td>
</tr>
<tr>
<td>MA Right To Know Law</td>
</tr>
<tr>
<td>This product contains the following chemicals on the Massachusetts Right to Know Law: Diethanolamine (111-42-2)</td>
</tr>
<tr>
<td>PA Right To Know Law</td>
</tr>
<tr>
<td>This product contains the following chemicals on the Pennsylvania Hazardous Substance List: Glycerine (56-81-5) - Diethanolamine (111-42-2)</td>
</tr>
<tr>
<td>NJ Right To Know Law</td>
</tr>
<tr>
<td>This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: Diethanolamine (111-42-2)</td>
</tr>
<tr>
<td>California Proposition 65</td>
</tr>
<tr>
<td>This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: Diethanolamine (111-42-2)</td>
</tr>
<tr>
<td>SARA Title III Sect. 311/312 Categorization</td>
</tr>
<tr>
<td>Immediate (acute) Delayed (chronic)</td>
</tr>
<tr>
<td>SARA Title III Sect. 313</td>
</tr>
<tr>
<td>This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None</td>
</tr>
</tbody>
</table>
16. OTHER INFORMATION

NFPA Ratings
NFPA Code for Flammability - 0
NFPA Code for Health - 1
NFPA Code for Reactivity - 0
NFPA Code for Special Hazards – 0

HMIS Ratings
HMIS Code for Flammability - 0
HMIS Code for Health - 2*
HMIS Code for Reactivity - 0
HMIS Code for Personal Protection - See Section 8
* Chronic Health Hazard

Abbreviations
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

For further Information call: (800) 338-3659

Prepared By: EnviroNet LLC

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