



**MATERIAL SAFETY DATA SHEET**  
**RESICORT<sup>®</sup> Leave-On Lotion with SPHERULITES<sup>®</sup>**  
**Microcapsules**  
**Product Codes: 007208 and 007216**

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

**Product Name** RESICORT<sup>®</sup> Leave-On Lotion with SPHERULITES<sup>®</sup> Microcapsules  
**Product Description** Lotion 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:** March 4, 2011  
**Supersedes MSDS Dated:** May 10, 2010

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

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**  
**CAUTION!**

Keep out of reach of children.  
Read entire label before each use.

**Routes of Entry**

Eye contact - Skin contact - Ingestion - Inhalation - Absorption

**Carcinogenic Status**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Target Organs**

Eyes - Skin - Respiratory System (See Section 11)

**Health Effects - Eyes**

Contact with eyes may cause mild irritation.

**Health Effects - Skin**

Contact with skin may cause mild irritation.

**Health Effects - Ingestion**

Harmful if swallowed. Ingestion of this material may cause gastrointestinal effects such as nausea, vomiting, diarrhea, abdominal cramps and constipation.

**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**

<b>Component Name</b>	<b>CAS Number</b>	<b>Concentration</b>
DMDM Hydantoin	6440-58-0	0.1-<1%
Sorbitan Monostearate	1338-41-6	1 - 5%
Hydrocortisone	50-23-7	~1%



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#### **4. FIRST AID MEASURES**

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##### **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.

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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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Wear appropriate protective clothing. 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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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.

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#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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##### **Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

##### **Sorbitan Monostearate**

None established

##### **Hydrocortisone**

None established

##### **DMDM Hydantoin**

None established

##### **Engineering Control Measures**

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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**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**

Chemical resistant gloves.

**Eye Protection**

Safety glasses or goggles.

**Body Protection**

Normal work wear.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical State</b>	Liquid
<b>Color</b>	Peach
<b>Odor</b>	Peach
<b>pH</b>	No data available
<b>Specific Gravity</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>Explosion Limits (%)</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Density</b>	No data available
<b>Solubility in Water</b>	Soluble
<b>Vapor Density (Air = 1)</b>	No data available

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**10. STABILITY AND REACTIVITY**

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**Stability**

Stable under normal conditions.

**Conditions to Avoid**

Heat - high temperatures

**Materials to Avoid**

Strong oxidizers

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

Oxides of carbon

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**11. TOXICOLOGICAL INFORMATION**

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See product packaging for additional information.

**Acute Toxicity**

DMDM Hydantoin: Oral LD50 (rats) 2000-5000 mg/kg

Sorbitan Monostearate: Oral LD50 (rat) >15.9 g/kg

**Specific Target Organ Systemic Toxicity (single and repeat)**

Sorbitan Monostearate: A two-year feeding study on rats did not reveal adverse health effects.



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**11. TOXICOLOGICAL INFORMATION**

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**Serious Eye damage/Eye Irritation**

Sorbitan Monostearate: Mild eye irritation (Draize - rabbit)

**Skin Corrosion/Irritation**

Sorbitan Monostearate: Mild skin irritation (Draize - rabbit)

**Respiratory or Skin Sensitization**

Sorbitan Monostearate: Patch test on human volunteers did not demonstrate sensitization properties.

**Carcinogenicity**

Not considered carcinogenic by NTP, IARC, and OSHA

**Germ Cell Mutagenicity**

Hydrocortisone was negative for gene mutation in Salmonella typhimurium (with and without activation) and for unscheduled DNA synthesis in rat hepatocytes. It was positive for chromosomal aberrations in human lymphocytes and for sister chromatid exchange in mouse bone marrow.

DMDM Hydantoin: Both positive and negative mutagenicity results in laboratory studies.

Sorbitan Monostearate: Did not show teratogenic effects in animal experiments.

**Toxicity to Reproduction**

Hydrocortisone: Animal studies with some corticosteroids have shown cleft palate and inhibited fetal growth. Most studies have concluded that therapeutic use of corticosteroids by pregnant women does not cause adverse effects on the fetus. Small increase in cleft palate was seen in some human studies. Infants born to mothers who received substantial doses of corticosteroids during pregnancy should be observed for signs of hypoadrenalism.

Sorbitan Monostearate: Did not show teratogenic effects in animal experiments.

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**12. ECOLOGICAL INFORMATION**

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**Mobility**

No relevant studies identified.

**Persistence/Degradability**

Sorbitan Monostearate: Readily biodegradable

**Bio-accumulation**

No relevant studies identified.

**Ecotoxicity**

No relevant studies identified.

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**13. DISPOSAL CONSIDERATIONS**

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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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**US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS**

**TSCA Listing**

This product contains ingredients that are not listed on the EPA Toxic Substance Control Act Chemical Substance (TSCA) Inventory.

**DSL (Canadian) Listing**

This product contains ingredients that have not been verified for listing on the Domestic Substance List (DSL).



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**15. REGULATORY INFORMATION**

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**WHMIS Classification**

D.2.B

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.

**MA Right To Know Law**

This product contains the following chemicals on the Massachusetts Right to Know Law: Triethanolamine (102-71-6) 0.1%

**PA Right To Know Law**

This product contains the following chemicals on the Pennsylvania Hazardous Substance List: None

**NJ Right To Know Law**

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: None

**California Proposition 65**

This product contains trace amounts of the following chemicals which the State of California has found to cause cancer, birth defects or other reproductive harm: methyl chloride (74-87-3) – arsenic (7440-38-2) – lead (7439-92-1) – formaldehyde (50-00-0) – toluene (108-88-3) – benzene (71-43-2)

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

Immediate (acute)

**SARA Title III Sect. 313**

This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: None

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**16. OTHER INFORMATION**

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**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 - 1

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

**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



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**16. OTHER INFORMATION**

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**For further information call:** (800) 338-3659

**Prepared By:** EnviroNet LLC

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