

## SAFETY DATA SHEETS

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

078360684

N/A

**MATERIAL SAFETY DATA SHEET****MSDS # 3510-399****Identity: Pyoben<sup>®</sup> Gel for Dogs, Cats and Horses**

Product Code 001430

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**Section I**

## Supplier Information:

## Emergency Telephone Number

Name: VIRBAC CORP. (Virbac AH Inc.,  
Allerderm<sup>®</sup>, Francodex<sup>®</sup>, Mardel<sup>®</sup>, St.  
JON<sup>®</sup>, PMResources, Zema<sup>®</sup>)

Transportation: Chemtrec 800-424-9300

Other emergencies:

**POISON CONTROL CENTER or 911**

Address: P. O. BOX 162059

City: FORT WORTH

State: TX 76161

Telephone Number for Information

Contact Virbac: 800/338-3659

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components	OSHA PEL	ACGIH TLV	STEL	CAS #	% (opt.)
Non Hazardous as defined by 29CFR Part 1910.1200					
(Special Chemical Identification; Common Name)					
Active					
Benzoyl Peroxide	Not Applicable	Not Applicable	Not Applicable	94-36-0	
Other Ingredients					
Water	Not Applicable	Not Applicable	Not Applicable		
Propylene Glycol	Not Applicable	Not Applicable	Not Applicable	57-55-6	
Carbomer	Not Applicable	Not Applicable	Not Applicable		
Disodium EDTA	Not Applicable	Not Applicable	Not Applicable	6381-92-6	
Docusate Sodium	Not Applicable	Not Applicable	Not Applicable		
Silica	Not Applicable	Not Applicable	Not Applicable		
Citric Acid	Not Applicable	Not Applicable	Not Applicable	77-92-9	
Sodium Hydroxide	Not Applicable	Not Applicable	Not Applicable	1310-73-2	

**Section III - Physical/Chemical Characteristics**

Boiling Point:	Not Applicable
Specific Gravity (H <sub>2</sub> O = 1):	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Melting Point:	Not Applicable
Vapor Density (AIR = 1):	Not Applicable
Evaporation Rate (Butyl Acetate = 1):	Not Applicable
Solubility in Water:	Partially
Appearance and Odor:	White to slightly off-white smooth gel, practically free from odor.

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used):	141°C
Flammable Limits:	LEL: Not Applicable UEL: Not Applicable
Extinguishing Media:	Water spray, dry chemical, carbon dioxide, or foam suitable for the surrounding fire and materials.
Special Firefighting Procedures:	Not Applicable
Unusual Fire and Explosion Hazards:	Not Applicable

**Section V - Reactivity Data**

Stability	STABLE
Incompatibility	(Materials to Avoid): None Known
Hazardous Decomposition or Byproducts:	When heated to decomposition, materials emit toxic fumes.
Hazardous Polymerization	WILL NOT OCCUR
Conditions to Avoid:	Excess Heat.

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**Section VI - Health Hazard Data**

Routes of Entry: Inhalation? NO Skin? YES Ingestion? YES

Health Hazards (Acute and Chronic): None known

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure: Erythema. May produce mild to moderate skin irritation. Contact dermatitis.

Medical Conditions Generally Aggravated by Exposure: Hypersensitivity to any of the components in the product.

**Emergency and First Aid Procedures**

INGESTED: If appreciable quantities are swallowed, call a physician or the Poison Control Center.

SKIN CONTACT: If irritation occurs, immediately flush skin with copious amounts of water for at least 15 minutes. In the event of any untoward effects, obtain medical attention.

EYE CONTACT: Immediately rinse eyes with water for a minimum of 15 minutes holding eye open. Remove contact lenses, if present, after the first 5 minutes. Call a physician if irritation persists.

INHALATION: Not Applicable

Note to Physician:

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled: Vacuum or sweep up spillage.  
Avoid Contact. Place spillage in appropriate container for waste disposal.

Waste Disposal Method: Wash contaminated clothing before reuse. Wash spill site.  
Dispose of in accordance with all applicable federal, state, and local environmental regulations.

Precautions to be Taken in Handling or Storage: Store in a tightly closed container at controlled room temperature (59° to 86° F).  
Avoid contact with eyes or mucous membranes.

Other Precautions: Keep out of the reach of children.  
Wash thoroughly after handling.  
Keep pets away from all fabrics, i.e. carpet, upholstery, etc., during therapy. Will bleach colored fabric

**Section VIII - Control Measures**

Respiratory Protection: Not necessary under recommended conditions of use.

Ventilation Local Exhaust: Not Applicable  
Special: Not Applicable  
Mechanical (General): Not Applicable

Protective Gloves: Rubber gloves for prolonged or repeated exposure

Eye Protection: Glasses or goggles

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: Wash hands after using.  
Read and follow direction on product label.

**Section IX - Additional Information**

Pyoben, Allerderm and St. JON are registered trademarks of Virbac AH, Inc.  
Francodex is registered trademark of VBSA.  
Mardel and Zema are registered trademarks of Virbac Corporation.

Disclaimer of Expressed and Implied Warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

Prepared by QA Department  
New MSDS Dated: May 11, 2006  
Supercedes MSDS Date: September 16, 2003

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## SAFETY DATA SHEET PYOBEN® Gel

### 1. IDENTIFICATION

<b>Product Name</b>	PYOBEN® Gel
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Identified uses</b>	Medicated gel for dogs, cats, and horses
<b>Restrictions on Use</b>	For topical use on animals only. Federal law restricts this drug to use by or on the order of a licensed veterinarian.
<b>Company Identification</b>	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161
<b>Customer Information Number</b>	(800) 338-3659
<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>	February 5, 2016
<b>Supersedes Date</b>	March 4, 2011

*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 vapors.  
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



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## 2. HAZARD IDENTIFICATION

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### Disposal

Dispose of contents/container in accordance with local and national regulations.

### 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%

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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### Synonyms:

This product is a mixture.

Component Name	CAS Number	Concentration
Benzoyl Peroxide	94-36-0	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 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

#### Skin

Wash skin 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. Wash hands thoroughly after handling and before eating, drinking or smoking.

**Conditions for safe storage**

Store in original container at room temperature 59 - 86°F. Store away from children and pets.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Control parameters**

Exposure limits are listed below, if they exist.

**Benzoyl Peroxide**

ACGIH: TLV 5 mg/m<sup>3</sup> 8h TWA

OSHA: PEL 5 mg/m<sup>3</sup> 8h 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**

Safety glasses or goggles.



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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Body Protection**

Normal work wear

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Appearance**

	<b>Physical State</b>	Liquid
	<b>Color</b>	White to off-white
<b>Odor</b>		Odorless
<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.

**Conditions to Avoid**

Heat - high temperatures

**Incompatible Materials**

None known.

**Hazardous Decomposition Products**

Oxides of carbon - organic compounds - dense white smoke of benzoic acid - phenyl benzoate - terphenyls - biphenyls - benzene





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**11. TOXICOLOGICAL INFORMATION**

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**Acute Toxicity**

Benzoyl Peroxide

Oral LD50 rat >5000 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**

Benzoyl Peroxide: Causes eye irritation.

**Skin Corrosion/Irritation**

Benzoyl Peroxide: Not a skin irritant in rabbit studies.

**Respiratory or Skin Sensitization**

Benzoyl Peroxide: Known skin sensitizer in humans. Skin sensitizer based on animal testing.

**Carcinogenicity**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Germ Cell Mutagenicity**

Benzoyl Peroxide: Based on several laboratory studies the FDA has concluded that Benzoyl Peroxide is not a genotoxic agent.

**Reproductive Toxicity**

Available data indicates this product is not expected to cause reproductive toxicity or birth defects.

**Aspiration Hazard**

Not an aspiration hazard.

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**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

No relevant studies identified.

**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 is a drug and therefore is not regulated under the US EPA Toxic Substance Control Act.

**Canada DSL Inventory**

This product is a drug and therefore is not regulated under the Canadian Environmental Protection Act.

**California Proposition 65**

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

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

Immediate (Acute) Health Hazard

**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: Benzoyl Peroxide

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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: February 5, 2016

Replaces: March 4, 2011

Changes made: Updated to GHS classification.



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**16. OTHER INFORMATION**

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**Information Source and References**

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

**Prepared By:** EnviroNet LLC.

PYOBEN is a registered trademark of Virbac AH, Inc.

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