

**1. Product and Company Identification**

**Product Name** Vetscriptions Miteaway Ear Mite & Tick Treatment for Cats  
**CAS #** Mixture  
**Product use** Ear Mite and Tick Treatment  
**Manufacturer** Sergeant's Pet Care Products, Inc.  
 2625 South 158th Plaza  
 Omaha, NE 68130-1770 US  
 Phone: 1-800- 224-7387  
 Fax: 1-402-938-7099  
 Emergency Phone: 1-800-781-4738  
 1-800-424-9300

**CHEMTREC**

LEGEND HMIS	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 1
Flammability	1
Physical Hazard	0
Personal Protection	A

**2. Hazards Identification**

**Emergency overview** CAUTION  
 Hazards to humans and domestic animals. Harmful if swallowed, absorbed through skin, or inhaled. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Do not use on animals under 12 weeks of age.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.  
**Eyes** Causes irritation.  
**Skin** May cause irritation.  
**Inhalation** May cause respiratory tract irritation.  
**Ingestion** May cause stomach distress, nausea or vomiting.

**Target organs** Eyes. Skin. Respiratory system.  
**Chronic effects** Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
**Signs and symptoms** Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**3. Composition / Information on Ingredients**

Ingredient(s)	CAS #	Percent
Piperonyl butoxide	51-03-6	0.1 - 1
Pyrethrin	8003-34-7	0 - 0.1

**4. First Aid Measures**

**First aid procedures**

**Eye contact** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin contact** Remove contaminated clothing. Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Obtain medical attention if irritation persists.

<b>Inhalation</b>	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.
<b>Notes to physician</b>	Contains petroleum distillate - vomiting may cause aspiration pneumonia.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

## 5. Fire Fighting Measures

<b>Flammable properties</b>	Not flammable by OSHA criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Carbon dioxide. Dry chemical. Foam. Fog.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways.
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Aldehydes.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

## 6. Accidental Release Measures

<b>Personal precautions</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
<b>Methods for containment</b>	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	Forms smooth, slippery surfaces on floors, posing an accident risk. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

## 7. Handling and Storage

<b>Handling</b>	Keep away from sources of ignition - No smoking. Use good industrial hygiene practices in handling this material.
<b>Storage</b>	Keep out of reach of children. Keep away from heat, open flames or other sources of ignition. Store in a closed container away from incompatible materials.

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## 8. Exposure Controls / Personal Protection

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### Exposure limits

Ingredient(s)	Exposure Limits
Piperonyl butoxide	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Pyrethrin	<b>ACGIH-TLV</b> TWA: 5 mg/m3 <b>OSHA-PEL</b> TWA: 5 mg/m3

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

#### Eye / face protection

Wear safety glasses with side shields.

#### Hand protection

Rubber gloves. Confirm with a reputable supplier first.

#### Skin and body protection

As required by employer code.

#### Respiratory protection

Not normally required. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

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## 9. Physical & Chemical Properties

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Appearance	Hazy
Color	Light yellow
Form	Liquid
Odor	Mild
Odor threshold	Not Available
Physical state	Liquid
pH	5.5 ± 0.5
Freezing point	Not available
Boiling point	Not Available
Flash point	Not Available
Evaporation rate	Not Available
Flammability limits in air, lower, % by volume	Not Available
Flammability limits in air, upper, % by volume	Not Available
Vapor pressure	Not Available
Vapor density	Not Available
Specific gravity	0.996 @70°C
Relative density	Not Available
Octanol/water coefficient	Not Available
Solubility (H2O)	Emulsifiable
Auto-ignition temperature	Not Available
VOC (Weight %)	Not Available
Viscosity	Not Available
Percent volatile	Not Available

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## 10. Chemical Stability & Reactivity Information

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Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Heat, flames and sparks. Do not mix with other chemicals.

<b>Incompatible materials</b>	Oxidizers. Alkaline materials.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Aldehydes.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
Piperonyl butoxide	Not available
Pyrethrin	3.4 mg/l/4h rat

### Component analysis - Oral LD50

Ingredient(s)	LD50
Piperonyl butoxide	2600 mg/kg mouse; 6150 mg/kg rat; 2650 mg/kg rabbit
Pyrethrin	200 mg/kg rat; 273 mg/kg mouse

### Effects of acute exposure

<b>Eye</b>	Causes irritation.
<b>Skin</b>	May cause irritation.
<b>Inhalation</b>	May cause respiratory tract irritation.
<b>Ingestion</b>	May cause stomach distress, nausea or vomiting.
<b>Sensitization</b>	Non-hazardous by OSHA criteria.
<b>Chronic effects</b>	Non-hazardous by OSHA criteria.
<b>Carcinogenicity</b>	See below.

#### ACGIH - Threshold Limit Values - Carcinogens

Pyrethrin	8003-34-7	A4 - Not Classifiable as a Human Carcinogen
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#### IARC - Group 3 (Not Classifiable)

Piperonyl butoxide	51-03-6	Supplement 7 [1987], Monograph 30 [1983]
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**Mutagenicity** Non-hazardous by OSHA criteria.

**Reproductive effects** Contains a potential reproductive toxin.

**Teratogenicity** Non-hazardous by OSHA criteria.

## 12. Ecological Information

**Ecotoxicity** Components of this product have been identified as having potential environmental concerns.

#### Ecotoxicity - Freshwater Fish Species Data

Pyrethrin	8003-34-7	96 Hr LC50 Oncorhynchus mykiss: 54 mg/L; 96 Hr LC50 Lepomis macrochirus: 0.058 mg/L [static]
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**Environmental effects** Not available

**Aquatic toxicity** Not available

**Persistence / degradability** Not available

**Bioaccumulation / accumulation** Not available

**Partition coefficient** Not Available

**Mobility in environmental media** Not available

**Chemical fate information** Not available

## 13. Disposal Considerations

**Waste codes** Not available

**Disposal instructions** Dispose in accordance with all applicable regulations. IF EMPTY: Do not reuse this container. Place in trash or offer for recycling if available. IF PARTLY FILLED: Call your local solid waste agency or 1-800-CLEAN-UP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Waste from residues / unused products** Not available

**Contaminated packaging** Not available

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## 14. Transport Information

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### U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

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## 15. Regulatory Information

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### US Federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. EPA registration number 2517-96

#### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

Pyrethrin 8003-34-7 1 Lb final RQ (listed under Pyrethrins); 0.454 kg final RQ (listed under Pyrethrins)

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Piperonyl butoxide 51-03-6 1.0 % de minimis concentration

#### U.S. - CWA (Clean Water Act) - Hazardous Substances

Pyrethrin 8003-34-7 Present (Listed under "Pyrethrin")

### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

### CERCLA (Superfund) reportable quantity

Pyrethrin: 1.0000

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Clean Air Act (CAA) Not available

Clean Water Act (CWA) Not available

Safe Drinking Water Act (SDWA) Not available

Drug Enforcement Agency (DEA) Not available

Food and Drug Administration (FDA) Not available

### State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

#### U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances

Pyrethrin 8003-34-7 Present

#### U.S. - Louisiana - Reportable Quantity List for Pollutants

Pyrethrin 8003-34-7 1 Lb final RQ; 0.454 kg final RQ

#### U.S. - Massachusetts - Right To Know List

Pyrethrin 8003-34-7 Present

#### U.S. - Minnesota - Hazardous Substance List

Pyrethrin 8003-34-7 Present

#### U.S. - New Jersey - Right to Know Hazardous Substance List

Piperonyl butoxide 51-03-6 sn 3732

Pyrethrin 8003-34-7 sn 1623

#### U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

Pyrethrin 8003-34-7 1 Lb RQ (air); 1 lb RQ (land/water)

#### U.S. - Pennsylvania - RTK (Right to Know) List

Pyrethrin 8003-34-7 Environmental hazard

#### U.S. - Rhode Island - Hazardous Substance List

Pyrethrin 8003-34-7 Toxic

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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## 16. Other Information

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**Disclaimer**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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**Prepared by**

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