1. Product and Company Identification

Product Name: Sergeant's Pronyl OTC Max for Cats

Synonym(s): EPA Registration #2517-148
All weights

CAS #: Mixture

Product use: Kills and repels fleas & ticks

Manufacturer: Sergeant's Pet Care Products, Inc.
10077 South 134th Street
Omaha, NE 68138-3710 US
Phone: 1-800-224-7387
Emergency Phone: 1-800-781-4738

CHEMTREC: 1-800-424-9300

2. Hazards Identification

Emergency overview: CAUTION
Causes moderate eye irritation.
Harmful if swallowed. Harmful if absorbed through skin.

Potential short term health effects:

Routes of exposure: Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

Eyes: Causes moderate eye irritation.

Skin: Harmful if absorbed through the skin.

Inhalation: May cause respiratory tract irritation.

Ingestion: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

Target organs: Eyes, Skin.

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.

OSHA Regulatory Status: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects: See section 12.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
<td>60 - 80</td>
</tr>
<tr>
<td>Fipronil</td>
<td>120068-37-3</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Etifenprox</td>
<td>80844-07-1</td>
<td>10 - 20</td>
</tr>
</tbody>
</table>

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: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. 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.
Notes to physician
Treat patient symptomatically.

General advice
Keep away from sources of ignition. No smoking. 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

<table>
<thead>
<tr>
<th>Flammable properties</th>
<th>Not flammable by OSHA criteria.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extinguishing media</td>
<td></td>
</tr>
<tr>
<td>Unsuitable extinguishing media</td>
<td>Not available</td>
</tr>
<tr>
<td>Protection of firefighters</td>
<td></td>
</tr>
<tr>
<td>Specific hazards arising from the chemical</td>
<td>Not available</td>
</tr>
<tr>
<td>Protective equipment for firefighters</td>
<td>Firefighters should wear full protective clothing including self contained breathing apparatus.</td>
</tr>
<tr>
<td>Hazardous combustion products</td>
<td>May include and are not limited to: Oxides of carbon.</td>
</tr>
<tr>
<td>Explosion data</td>
<td></td>
</tr>
<tr>
<td>Sensitivity to mechanical impact</td>
<td>Not available</td>
</tr>
<tr>
<td>Sensitivity to static discharge</td>
<td>Not available</td>
</tr>
</tbody>
</table>

6. Accidental Release Measures

| Personal precautions | 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. |
| Environmental precautions | Prevent entry into waterways, sewers, basements or confined areas. |
| Methods for containment | Stop leak if you can do so without risk. |
| Methods for cleaning up |
| Before attempting clean up, refer to hazard data given above and use appropriate personal protective equipment (PPE). Never return spills in original containers for re-use. Small Spills: Absorb with non-reactive absorbent and place in suitable, covered, labeled containers. Large Spills: Wet down with water and dike for later disposal. After removal flush contaminated area thoroughly with water. Contact emergency services and supplier for advice. |

7. Handling and Storage

| Handling | Use good industrial hygiene practices in handling this material. Do not get in eyes or on clothing. When using do not eat or drink. Wash thoroughly after handling. |
| Storage | Store in a cool dry place inaccessible to children and pets. Do not refrigerate. Protect from direct sunlight. |
8. Exposure Controls / Personal Protection

### Exposure limits

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 25 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Etofenprox</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Fipronil</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
</tbody>
</table>

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

- **Eye / face protection**: Wear safety glasses with side shields.
- **Hand protection**: It is a good industrial hygiene practice to minimize skin contact. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. Confirm with reputable supplier first.
- **Skin and body protection**: As required by employer code.
- **Respiratory protection**: 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.

9. Physical and Chemical Properties

- **Appearance**: Clear
- **Color**: Yellow
- **Form**: Liquid
- **Odor**: Faint / Pleasant
- **Odor threshold**: Not available
- **Physical state**: Liquid
- **pH**: Not available
- **Freezing point**: Not available
- **Boiling point**: Not available
- **Pour point**: Not available
- **Evaporation rate**: Not available
- **Flash point**: > 200 °F (> 93.33 °C)
- **Auto-ignition temperature**: 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**: Not available
- **Octanol/water coefficient**: Not available
- **Solubility (H2O)**: Insoluble
- **Viscosity**: 5 - 15 CP
- **Bulk density**: 1.03 - 1.07 g/cc
10. Stability and Reactivity

Reactivity
None known.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Chemical stability
Stable under recommended storage conditions.

Conditions to avoid
Do not mix with other chemicals.

Incompatible materials
Acids. Oxidizers.

Hazardous decomposition products
May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>5240 mg/l/4h rat</td>
</tr>
<tr>
<td>Etafenprox</td>
<td>5900 mg/l/4h rat</td>
</tr>
<tr>
<td>Fipronil</td>
<td>0.68 mg/l/4h rat</td>
</tr>
</tbody>
</table>

Component analysis - Oral LD50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>5500 mg/kg rat</td>
</tr>
<tr>
<td>Etafenprox</td>
<td>42800 mg/kg rat</td>
</tr>
<tr>
<td>Fipronil</td>
<td>100 mg/kg rat</td>
</tr>
</tbody>
</table>

Effects of acute exposure

Eye: Causes moderate eye irritation.

Skin: Harmful if absorbed through the skin.

Inhalation: May cause respiratory tract irritation.

Ingestion: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

Sensitization: Non-hazardous by OSHA criteria.

Chronic effects: Non-hazardous by OSHA criteria.

Carcinogenicity: Non-hazardous by OSHA criteria.

Mutagenicity: Non-hazardous by OSHA criteria.

Reproductive effects: Non-hazardous by OSHA criteria.

Teratogenicity: Non-hazardous by OSHA criteria.

Name of Toxicologically Synergistic Products: Not available

12. Ecological Information

Ecotoxicity - Freshwater Fish - Acute Toxicity Data

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>EC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
</tr>
</tbody>
</table>

Ecotoxicity - Water Flea - Acute Toxicity Data

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>EC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
</tr>
</tbody>
</table>

Persistence / degradability: Not available

Bioaccumulation / accumulation: Not available

Mobility in environmental media: Not available

Environmental effects: Not available

Aquatic toxicity: Not available

Partition coefficient: Not available

Chemical fate information: Not available
13. Disposal Considerations

Disposal instructions
IF EMPTY: Nonrefillable container. Do not reuse or refill the container. Offer for recycling, if available. IF PARTLY FILLED: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Waste from residues / unused products
Not available

Contaminated packaging
Not available

14. Transport Information

U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.

IMDG (Marine Transport)
Not regulated as dangerous goods.

IATA/ICAO (Air)
Not regulated as dangerous goods.

15. Regulatory Information

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical
Yes

US Federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA (Superfund) reportable quantity
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
No

Clean Air Act (CAA)
Not available

Clean Water Act (CWA)
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. - Minnesota - Hazardous Substance List
Diethylene glycol monoethyl ether 111-90-0 Present

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

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

16. Other Information

<table>
<thead>
<tr>
<th>Legend</th>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>/ 2</td>
<td>1</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe</td>
<td>4</td>
</tr>
<tr>
<td>Serious</td>
<td>3</td>
</tr>
<tr>
<td>Moderate</td>
<td>2</td>
</tr>
<tr>
<td>Slight</td>
<td>1</td>
</tr>
<tr>
<td>Minimal</td>
<td>0</td>
</tr>
</tbody>
</table>
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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Other information For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.

Revision date
Sections revised
Supercedes MSDS dated