Safety Data Sheet

Section 1: Identification

Product identifier

Product Name
- BioSpot Active Care Flea & Tick Collar for Dogs and Puppies

Synonyms
- 100519505; 100519506; EPA Reg. No.: 2596-139-89459; UPC #: 039079007429; UPC #: 039079007436

Product Description
- Flea and tick collar.

Recommended use
- Flea and tick collar for dogs and puppies.

Restrictions on use
- Avoid contact with eyes, skin or clothing. Keep out of the reach of children.

Details of the supplier of the safety data sheet

Manufacturer
- Central Garden & Pet Company
  1501 E. Woodfield Road, Suite 200W
  Schaumburg, IL 60173
  United States
  www.biospotactivecare.com

Emergency telephone number

Manufacturer (Transportation)
- 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation)
- 1-703-527-3887 - CHEMTREC - outside North America - Collect Calls Accepted

Manufacturer
- 1-800-234-2269

Section 2: Hazard Identification

United States (US)
According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012
- Acute Toxicity Oral 4 - H302
  Eye Mild Irritation 2B - H320

Label elements

OSHA HCS 2012

WARNING

Hazard statements
- Causes eye irritation - H320
Precautionary statements

Prevention

Do not eat, drink or smoke when using this product. - P270
Wash thoroughly after handling. - P264

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
If eye irritation persists: Get medical advice/attention. - P337+P313
IF SWALLOWED: Call poison control center or doctor if you feel unwell. Rinse mouth. - P330

Storage/Disposal

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

Other hazards

OSHA HCS 2012


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See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

- Material does not meet the criteria of a substance.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>(S)-Methoprene</td>
<td>CAS:65733-16-6</td>
<td>1.02%</td>
</tr>
<tr>
<td>Tetrachlorvinphos</td>
<td>CAS:22248-79-9</td>
<td>14.55%</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>NDA</td>
<td>84.43%</td>
</tr>
</tbody>
</table>

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- None specified.

Skin

- IF ON SKIN: 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.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

- IF SWALLOWED: Call a poison center or doctor if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed

- Causes eye irritation. Harmful if swallowed. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- This product contains an organophosphate and may cause cholinesterase inhibition. Cholinergic symptoms may include salivation, miosis, in coordination, muscle fasciculation and/or weakness, vomiting, and diarrhea. Atropine is antidotal. 2-PAM
may be effective as an adjunct to atropine. Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media

- Use water, foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media

- No data available.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- None known.

Hazardous Combustion Products

- Burning liberates hydrogen chloride gas.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Ventilate enclosed areas. Avoid contact with skin, eyes, and clothing.

Emergency Procedures

- No data available.

Environmental precautions

- No data available.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Sweep up material and place in suitable container for disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Wash hands thoroughly with soap and water after handling. Read label before use.

Conditions for safe storage, including any incompatibilities

Storage

- Do not contaminate water, food, or feed by storage or disposal. Store in cool, dry area, inaccessible to children.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- No data available.

Exposure controls

Engineering Measures/Controls

- Use adequate ventilation to remove vapors (fumes, dust etc).

Personal Protective Equipment

Respiratory

- Not required with normal use.

Eye/Face

- Not required with normal use.

Hands

- Not required with normal use.
Skin/Body Considerations

- Not required with normal use.

General Industrial Hygiene

- Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.
- No data available

Environmental Exposure Controls

Section 9 - Physical and Chemical Properties

**Information on Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>Odor Threshold</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>Flea collar in various colors.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Various colors.</td>
<td>With or without fragrance.</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Volatility</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Flammability**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>No data available</td>
</tr>
<tr>
<td>UEL</td>
<td>No data available</td>
</tr>
<tr>
<td>LEL</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Flammable.</td>
</tr>
</tbody>
</table>

**Environmental**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

**Reactivity**

- No dangerous reaction known under conditions of normal use.

**Chemical stability**

- Stable

**Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**Conditions to avoid**

- No data available.

**Incompatible materials**

- Strong oxidizing agents.

**Hazardous decomposition products**

- Low release of hydrogen chloride gas when heated above 400°F.

Section 11 - Toxicological Information
### Information on toxicological effects

<table>
<thead>
<tr>
<th>Components</th>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetrachlorvinphos (14.55%)</td>
<td>Acute toxicity</td>
<td>OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral 4</td>
</tr>
<tr>
<td>(s)-Methoprene (1.02%)</td>
<td>Aspiration Hazard</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td></td>
<td>Carcinogenicity</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td></td>
<td>Germ Cell Mutagenicity</td>
<td>OSHA HCS 2012 • Not classified - data lacking</td>
</tr>
<tr>
<td></td>
<td>Skin corrosion/Irritation</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td></td>
<td>Skin sensitization</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td></td>
<td>STOT-RE</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td></td>
<td>STOT-SE</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td></td>
<td>Toxicity for Reproduction</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td></td>
<td>Respiratory sensitization</td>
<td>OSHA HCS 2012 • Classification criteria not met</td>
</tr>
<tr>
<td></td>
<td>Serious eye damage/Irritation</td>
<td>OSHA HCS 2012 • Eye Mild Irritation 2B</td>
</tr>
</tbody>
</table>

**Route(s) of entry/exposure**
- Inhalation, Ingestion, Eyes, and Skin

**Potential Health Effects**

**Inhalation**
- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: No data available.

**Skin**
- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: No data available.

**Eye**
- **Acute (Immediate)**: Causes eye irritation.
- **Chronic (Delayed)**: No data available.

**Ingestion**
- **Acute (Immediate)**: Harmful if swallowed.
- **Chronic (Delayed)**: No data available.

**Acute Toxicity**:
- Ingestion/Oral-Rat LD50: 1480 mg/kg (male rats); 465-965 mg/kg (female rats); Skin-Rabbit LD50: >2000 mg/kg
- Ingestion/Oral-Rat LD50: >34000 mg/kg

**Section 12 - Ecological Information**

**Toxicity**
- No data available

**Persistence and degradability**
- No data available.
Bioaccumulative potential
- No data available.

Mobility in Soil
- No data available.

Other adverse effects
- No studies have been found.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Place in trash or offer for recycling if available.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. If empty: Nonrefillable container. Do not reuse or refill this 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. Do not use empty pouch.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class (es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Special precautions for user
- None specified.
- Not relevant.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- None

Other information
- No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications
- Acute

FIFRA – Pesticide Labeling
This material is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION

Precautionary Statements
- Keep out of reach of children.
HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if swallowed or absorbed through skin. 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, using tobacco or using the toilet.

First Aid
- Contains on organophosphate that inhibits cholinesterase.
- IF SWALLOWED: 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.
- IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
- IF IN EYES: 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.
- Note to Physicians and Veterinarians: This product contains tetrachlorvinphos (an organophosphate) which is a cholinesterase inhibitor. Cholinergic symptoms may include salivation, miosis, incoordination, muscle fasciculation and/or weakness, vomiting and diarrhea. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

Section 16 - Other Information

- Last Revision Date: New
- Preparation Date: 28/October/2014
- Disclaimer/Statement of Liability: The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

Key to abbreviations
= N/A = Not applicable