Safety Data Sheet

Section 1: Identification

Product identifier

Product Name
• Adams Spot On Flea & Tick Control for Cats & Kittens Under 5 lbs; Adams Spot On Flea & Tick Control for Cats 5 lbs & over

Synonyms
• 3005935; 3005936; EPA Reg. No.: 2724-504-270

Product Description
• Pale yellow liquid.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use
• Flea and tick control

Restrictions on use
• Do not use on kittens less than 12 weeks old. Avoid release to the environment. Keep out of reach of children and pets.

Details of the supplier of the safety data sheet

Manufacturer
• Farnam Companies, Inc.
  1501 E. Woodfield Road, Suite 200W
  Schaumburg, IL 60173
  United States

Emergency telephone number

Manufacturer
• 1-800-234-2269

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

Manufacturer (Transportation)
• 1-703-527-3887 - CHEMTREC - Outside the US collect calls accepted

Section 2: Hazard Identification

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

Classification of the substance or mixture

OSHA HCS 2012
• Not classified; does not meet hazard criteria.

Label elements

OSHA HCS 2012

Hazard statements
• No label element(s) required

Other hazards

OSHA HCS 2012
• Does not meet hazard criteria.
Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

<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>3.6%</td>
</tr>
<tr>
<td>Etofenprox</td>
<td>CAS:80844-07-1</td>
<td>40%</td>
</tr>
<tr>
<td>Other ingredients</td>
<td>NDA</td>
<td>56.4%</td>
</tr>
</tbody>
</table>

Section 4: First-Aid Measures

Description of first aid measures

Inhalation
- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms occur. If signs/symptoms continue, get medical attention.

Skin
- IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: If skin irritation occurs: Get medical advice/attention.

Eye
- IF IN EYES: Hold eye open and rinse 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.

Ingestion
- IF SWALLOWED: Call a poison control center or physician for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless instructed to do so by poison control or physician. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed
- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
- Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- LARGE FIRE: Water spray, fog or regular foam.
- SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

Unsuitable Extinguishing Media
- None known.

Firefighting Procedures
- Do not allow fire fighting water to escape into waterways or sewers.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- None known.

Hazardous Combustion Products
- Carbon dioxide and possibly carbon monoxide.
Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).
  Do not allow run-off to enter waterways.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Ventilate enclosed areas. Use appropriate Personal Protective Equipment (PPE).

Emergency Procedures
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment.

Methods and material for containment and cleaning up

Containment/Clean-up Measures
- SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling
- Avoid contact with skin or eyes. Use only with adequate ventilation. Wash thoroughly after handling. Wear appropriate personal protective equipment, avoid direct contact.

Conditions for safe storage, including any incompatibilities

Storage
- Keep this product in its original container when not in use. Store in a cool, dry area that is inaccessible to children and pets.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure controls

Engineering Measures/Controls
- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment
-  
  
  Respiratory
  - Not required with normal use.
  
  Eye/Face
  - If prolonged exposure is anticipated, it is recommended for handlers to wear goggles.
  
  Hands
  - Wear appropriate gloves.
  
  Skin/Body
  - Not required with normal use.

Environmental Exposure Controls
- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Refer to Section 13 - Disposal Considerations.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties
### Material Description

<table>
<thead>
<tr>
<th>Physical Form</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/Description</td>
<td>Pale yellow liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Pale yellow.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
</tbody>
</table>

#### General Properties

| Boiling Point | No data available |
| Decomposition Temperature | No data available |
| Specific Gravity/Relative Density | = 0.99 Water=1 |
| Viscosity | 0.036 Pascal-sec (Pa.s, Pas) @ 20 C(68 F) |

#### Volatility

| Vapor Pressure | No data available |
| Evaporation Rate | No data available |

#### Flammability

| Flash Point | 113 C(235.4 F) |
| LEL | No data available |
| Flammability (solid, gas) | No data available |

#### Environmental

| Octanol/Water Partition coefficient | No data available |

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### Section 10: Stability and Reactivity

#### Reactivity

- No dangerous reaction known under conditions of normal use.

#### Chemical stability

- Stable under normal temperatures and pressures.

#### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

#### Conditions to avoid

- None known.

#### Incompatible materials

- Strong oxidizers.

#### Hazardous decomposition products

- Carbon dioxide and possibly carbon monoxide.

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### Section 11 - Toxicological Information

#### Information on toxicological effects

<table>
<thead>
<tr>
<th>CAS</th>
<th>Acute Toxicity: Ingestion/Oral-Rat LD50 • &gt;5000 mg/kg; Skin-Rat LD50 • &gt;5000 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Spot On Flea &amp; Tick Control for Cats &amp; Kittens Under 5 lbs; Adams Spot On Flea &amp; Tick Control for Cats 5 lbs &amp; over</td>
<td>NDA</td>
</tr>
</tbody>
</table>

#### GHS Properties

- Respiratory sensitization: OSHA HCS 2012 • Classification criteria not met

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Revision Date: 05/August/2015
Format: GHS Language: English (US)
OSHA HCS 2012
Serious eye damage/Irritation | OSHA HCS 2012 • Classification criteria not met
---|---
Acute toxicity | OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Aspiration Hazard | OSHA HCS 2012 • Classification criteria not met
Carcinogenicity | OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation | OSHA HCS 2012 • Classification criteria not met
Skin sensitization | OSHA HCS 2012 • Classification criteria not met
STOT-RE | OSHA HCS 2012 • Classification criteria not met
STOT-SE | OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction | OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity | OSHA HCS 2012 • Classification criteria not met

**Route(s) of entry/exposure**
- Inhalation, Skin, Eye, Ingestion.

**Potential Health Effects**

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

**Skin**
- Acute (Immediate)
  - No data available.
- Chronic (Delayed)
  - Repeated exposure to etofenprox can cause skin irritation.

**Eye**
- Acute (Immediate)
  - May cause minimal irritation.
- Chronic (Delayed)
  - No data available.

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

### Section 12 - Ecological Information

**Toxicity**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Etofenprox (40%)</td>
<td>80844-07-1</td>
<td><strong>Crustacea:</strong> 96 Hour(s) LC50 Crustacea 0.0000188 mg/L; 48 Hour(s) LC50 Water Flea 0.0008 mg/L; NOEC Water Flea 0.00017 mg/L; <strong>Fish:</strong> 96 Hour(s) LC50 Fish 0.0165 mg/L; 96 Hour(s) LC50 Fish 0.0027 mg/L</td>
</tr>
<tr>
<td>S-Methoprene (3.6%)</td>
<td>65733-16-6</td>
<td><strong>Crustacea:</strong> NOEC Crustacea 0.014 mg/L [Chronic]; 48 Hour(s) LC50 Crustacea 0.36 mg/L [Acute]; <strong>Fish:</strong> 96 Hour(s) LC50 Fish 0.76 mg/L [Acute]; 96 Hour(s) LC50 Fish 0.37 mg/L [Acute]; NOEC Fish 0.048 mg/L [Chronic]</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
- Material data lacking.

**Bioaccumulative potential**
- Material data lacking.

**Mobility in Soil**
Results of PBT and vPvB assessment
- No PBT and vPvB assessment has been conducted.

Other adverse effects
- No studies have been found.

Potential Environmental Effects
- Toxic to aquatic organisms, bees, silkworms and other domestic insects.

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. Do not allow into any sewer on the ground, or into any body of water.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Do not reuse or refill container.

Section 14 - Transport Information

<table>
<thead>
<tr>
<th>DOT</th>
<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></td>
<td>None</td>
<td>Consumer Commodity</td>
<td>ORM-D</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td></td>
<td>UN3082</td>
<td>Environmentally Hazardous Substance, Liquid, n.o.s. (contains Etofenprox and S-Methoprene)</td>
<td>9</td>
<td>III</td>
<td>Marine Pollutant</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>UN3082</td>
<td>Environmentally Hazardous Substance, Liquid, n.o.s. (contains Etofenprox and S-Methoprene)</td>
<td>9</td>
<td>III</td>
<td>Marine Pollutant</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>UN3082</td>
<td>Environmentally Hazardous Substance, Liquid, n.o.s. (contains Etofenprox and S-Methoprene)</td>
<td>9</td>
<td>III</td>
<td>Acute Aquatic Toxicity</td>
</tr>
</tbody>
</table>

Special precautions for user
- None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- Not relevant.

Other information
- IMO/IMDG - Limited quantity 5L, excepted quantity 30mL
- IATA/ICAO - Limited quantity 5L, excepted quantity 30mL

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
SARA Hazard Classifications
- Acute

FIFRA – Pesticide Labeling
This chemical 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.
Precautionary Statements

Hazards to Humans and Domestic Animals

Keep out of reach of children.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:
Repeated exposure to etofenprox can cause skin irritation. HAZARDS TO ANIMALS: For External Use on Cats Only. Do not use on kittens less than 12 weeks old. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals. Certain medications can interact with pesticides. Consult a veterinarian before using on medicated animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your cat/kitten with mild soap and rinse with large amounts of water. If signs continue, [please call 1-800-phone number or] consult a veterinarian immediately. Due to the bitter taste of the product, oral exposure could result in salivation. Be careful not to get any product in the pet’s mouth during application. For multiple cat households, prevent the cats from grooming each other until the product has dried. If the salivation continues or other clinical signs are noted, please call 1-800-number.

<table>
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<th>Component</th>
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<th>TSCA</th>
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<tr>
<td>Etofenprox</td>
<td>80844-07-1</td>
<td>No</td>
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<td>65733-16-6</td>
<td>No</td>
</tr>
</tbody>
</table>

Section 16 - Other Information

Revision Date: 05/August/2015
Last Revision Date: 05/August/2015
Preparation Date: 05/August/2015

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.