1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Flea + Tick Home Spray
Product Code: B14F
Recommended use: Pest control
Information on Manufacturer:
THE BRAMTON COMPANY, LLC.
P.O. BOX 655450
DALLAS, TX 75265

2. HAZARD IDENTIFICATION

Color: Amber
Physical state: Liquid
Odor: Mint-like

GHS Classification:
Physical Hazards
Health Hazard
Other hazards: None

Labeling:
Signal Word: Not classified

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium lauryl sulfate</td>
<td>151-21-3</td>
<td>1-5</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice: Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, or gas.
Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact: Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion: Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician: May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point: Not combustible
Flammability Limits in Air %: Not applicable.
Suitable Extinguishing Media:
Water spray. Foam. Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical: Material can create slippery conditions.
Protective Equipment and Precautions for Firefighters:
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA Health 1 Flammability 1 Instability 0
HMIS Health 1 Flammability 1 Instability 0
6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**Environmental Precautions**
No special environmental precautions required.

**Methods for Containment**
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Methods for Cleaning Up**
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**Neutralizing Agent**
Not applicable.

7. HANDLING AND STORAGE

**Handling**
Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.

**Storage**
Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not freeze.

**Storage Temperature**
Minimum 35 °F / 2 °C
Maximum 130 °F / 54 °C

**Storage Conditions**
Indoor X Outdoor
Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**
This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures**
Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Eye/Face Protection**
Safety glasses with side-shields.

**Skin Protection**
Wear suitable protective clothing. Impervious gloves.

**Respiratory Protection**
In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations**
Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state**
Liquid

**Color**
Amber

**Odor Threshold**
Not applicable

**pH**
8.0

**Evaporation Rate**
0.66 (Butyl acetate=1)

**VOC Content (%)**
1.0

**Vapor Pressure**
17.5 mmHg @ 70°F

**Solubility**
Completely soluble

**Melting Point/Range**
No data available

**Boiling Point/Range**
199.4 °F / 93 °C

**Flash Point**
Not combustible

**Autoignition Temperature**
No information available.

**Flammability Limits in Air %:**
Not applicable

**Upper:** No data available **Lower:** No data available

**Viscosity**
Non viscous

**Odor**
Mint-like

**Appearance**
Transparent - Slightly Hazy

**Specific Gravity**
1.0

**Percent Volatile (Volume)**
0

**VOC Content (g/L)**
0

**Vapor Density**
0.6 (Air = 1.0)

**n-Octanol/Water Partition**
No data available

**Decomposition Temperature**
No data available

**Flammability (solid, gas)**
No data available

**Method**
No data available

**10. STABILITY AND REACTIVITY**

**Chemical Stability**
Stable. Hazardous polymerization does not occur.

**Conditions to Avoid**
None known.

**Incompatible Products**
Strong oxidizing agents, Strong acids.

**Decomposition Temperature**
No data available

**Hazardous Decomposition Products**
Carbon oxides, Sulfur oxides.

**Possibility of Hazardous Reactions**
None under normal processing.

11. TOXICOLOGICAL INFORMATION

**Product Information**
No information available.

The following values are calculated based on chapter 3.1 of the GHS document

**Oral LD50**
No information available

**Dermal LD50**
No information available

**Inhalation LC50**
Gas No information available
Mist No information available
Vapor

Principle Route of Exposure

Skin contact, Eye contact, Inhalation.

Primary Routes of Entry

Skin Absorption.

Acute Effects:

Eyes

Causes eye irritation.

Skin

May cause skin irritation. May cause allergic skin reaction.

Inhalation

May cause irritation of respiratory tract.

Chronic Toxicity

May cause sensitization by skin contact.

Target Organ Effects

Bone Marrow.

Aggravated Medical Conditions

Respiratory disorders, Skin disorders.

Component Information

Acute Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
<th>Draize Test</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium lauryl sulfate</td>
<td>&gt; 977 mg/kg ( Rat )</td>
<td>= 580 mg/kg ( Rabbit )</td>
<td>&gt; 3900 mg/m³ ( Rat ) 1 h</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Component

<table>
<thead>
<tr>
<th>Component</th>
<th>Mutagenicity</th>
<th>Sensitization</th>
<th>Developmental Toxicity</th>
<th>Reproductive Toxicity</th>
<th>Target Organ Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium lauryl sulfate</td>
<td></td>
<td>skin sensitization</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

Carcinogenicity

There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Crustacea</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium lauryl sulfate</td>
<td>EC50 = 53 mg/L Desmodesmus subspicatus 72 h EC50 30 - 100 mg/L Desmodesmus subspicatus 96 h EC50 = 117 mg/L Pseudokirchneriella subcapitata 96 h EC50 3.59 - 15.6 mg/L Pseudokirchneriella subcapitata 96 h</td>
<td>LC50 8 - 12.5 mg/L Pimephales promelas 96 h LC50 15 - 18.9 mg/L Pimephales promelas 96 h LC50 22.1 - 22.8 mg/L Pimephales promelas 96 h LC50 4.3 - 8.5 mg/L Oncorhynchus mykiss 96 h LC50 = 4.62 mg/L Oncorhynchus mykiss 96 h LC50 = 4.2 mg/L Oncorhynchus mykiss 96 h LC50 10.2 - 22.5 mg/L Pimephales promelas 96 h LC50 6.2 - 9.6 mg/L Pimephales promelas 96 h LC50 13.5 - 18.3 mg/L Poecilia reticulata 96 h LC50 10.8 - 16.6 mg/L Poecilia reticulata 96 h LC50 = 1.31 mg/L Cyprinus carpio 96 h LC50 = 7.97 mg/L Brachydanio rerio 96 h LC50 9.9 - 20.1 mg/L Brachydanio rerio 96 h LC50 4.06 - 5.75 mg/L Lepomis macrochirus 96 h LC50 4.2 - 4.8 mg/L Lepomis macrochirus 96 h LC50 = 4.5 mg/L Lepomis macrochirus 96 h LC50 5.8 - 7.5 mg/L Pimephales promelas 96 h</td>
<td>EC50 = 0.46 mg/L 30 min EC50 = 0.72 mg/L 15 min EC50 = 1.19 mg/L 5 min</td>
<td>1.8: 48 h Daphnia magna mg/L EC50</td>
<td>1.6</td>
</tr>
</tbody>
</table>

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS
Product Disposal
Dispose of in accordance with local regulations.

Container Disposal
Empty containers should be taken for local recycling, recovery, or waste disposal.

## 14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
<th>Not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG</td>
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</tr>
<tr>
<td>ICAO</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IATA</td>
<td>Not regulated</td>
</tr>
<tr>
<td>IMDG/IMO</td>
<td>Not regulated</td>
</tr>
</tbody>
</table>

## 15. REGULATORY INFORMATION

### Inventories
- TSCA: Complies
- DSL: Complies

### U.S. Federal Regulations

#### SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazardous Categorization

<table>
<thead>
<tr>
<th>Acute Health Hazard</th>
<th>Chronic Health Hazard</th>
<th>Fire Hazard</th>
<th>Sudden Release of Pressure Hazard</th>
<th>Reactive Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

#### CERCLA
None

### U.S. State Regulations

#### California Proposition 65
This product contains the following Proposition 65 chemicals:

### 16. OTHER INFORMATION

Prepared By: Angus DeWalt
Supercedes Date: 12/16/2009
Issuing Date: 11/18/2016
Reason for Revision: No information available.
Glossary: No information available.
List of References: No information available.

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