

Safety Data Sheet Flea + Tick Home Spray

Supersedes Date 12/16/2009

Issuing Date 11/18/2016

1. PRODUCT AND COMPANY IDENTIFICATION

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

Product Code B14F
Chemical nature Aqueous solution
Emergency Telephone Number
1-800-272-6336
Telephone inquiry
800-272-6336

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

Component	CAS No.	Weight %
Sodium lauryl sulfate	151-21-3	1-5

*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

Method No data available

Flammability Limits in Air %: Not applicable.

Upper: No data available

Lower: No data available

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	Viscosity	Non viscous
Color	Amber	Odor	Mint-like
Odor Threshold	Not applicable	Appearance	Transparent - Slightly Hazy
pH	8.0	Specific Gravity	1.0
Evaporation Rate	0.66 (Butyl acetate=1)	Percent Volatile (Volume)	0
VOC Content (%)	1.0	VOC Content (g/L)	0
Vapor Pressure	17.5 mmHg @ 70°F	Vapor Density	0.6 (Air = 1.0)
Solubility	Completely soluble	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	199.4 °F / 93 °C	Flammability (solid, gas)	No data available
Flash Point	Not combustible	Method	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable		Upper: No data available Lower: 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 No information available

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.
- Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity May cause sensitization by skin contact.

Target Organ Effects Bone Marrow.

Aggravated Medical Conditions Respiratory disorders, Skin disorders.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Sodium lauryl sulfate 151-21-3	= 977 mg/kg (Rat)	= 580 mg/kg (Rabbit)	> 3900 mg/m ³ (Rat) 1 h	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium lauryl sulfate 151-21-3	No data available	skin sensitization	No data available	No data available	No data available

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Sodium lauryl sulfate	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	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	EC50 = 0.46 mg/L 30 min EC50 = 0.72 mg/L 15 min EC50 = 1.19 mg/L 5 min	1.8: 48 h Daphnia magna mg/L EC50	1.6

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

DOT Not regulated
TDG Not regulated
ICAO Not regulated
IATA Not regulated
IMDG/IMO Not regulated

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

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

CERCLA None

U.S. State Regulations

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

16. OTHER INFORMATION

Prepared By Angus DeWalt
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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