

Safety Data Sheet:

Supercedes Date 12/16/2009

Issuing Date 04/05/2019

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 5450

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

2. HAZARD IDENTIFICATION

Color Amber

Physical state Liquid

Odor Mint-like

GHS Classification

Physical Hazards

None

Health Hazard

Skin Corrosion/Irritation
 Serious Eye Damage/Eye Irritation

Category 3
 Category 2B

Other hazards

None

Labeling

Signal Word

WARNING

Hazard statements

H320 - Causes eye irritation
 H316 - Causes mild skin irritation
 H317 - May cause an allergic skin reaction

Precautionary Statements

P102 - Keep out of reach of children
 P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
 P305 - IF IN EYES: Immediately rinse the eyes with water. Remove any contact lenses and continue flushing for at least 15 minutes. Hold the eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get immediate medical attention if irritation persists.
 For Domestic Animals: Do not apply product into eyes, mouth or nose of animals. Do not use on (Or cause exposure to) animals under 12 weeks old. Sensitivities may occur after using ANY product for pets. If signs of sensitivity occur, bathe pet with mild dishwashing liquid and rinse with large amounts of water. If signs worsen, consult your veterinarian.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	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 Ingestion

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms

occur.
May cause sensitization of susceptible persons.

Notes to physician**5. FIRE-FIGHTING MEASURES**

Flash Point Not combustible
Flammability Limits in Air %: Not applicable. **Method** No data available
Suitable Extinguishing Media **Upper:** No data available **Lower:** No data available

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** 0 **Instability** 0
HMS - Health 1 **Flammability** 0 **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	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

Chemical Name	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

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Chemical Name	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	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

		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		
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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

See Section 2

CERCLA	None
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U.S. State Regulations California Proposition 65

This product can expose you to chemicals including those listed in the table below, which is [are] known to the State of California to cause either cancer and/or birth defects or other reproductive harm, (as indicated next to the chemical of concern). For more information go to www.P65Warnings.ca.gov.

16. OTHER INFORMATION

Prepared By	Angus DeWalt
Supersedes Date	12/16/2009
Issuing Date	04/05/2019
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.
THE BRAMTON COMPANY, LLC assumes no responsibility for personal injury or property damage caused by the use,	

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