

Sawyer Insect Repellent

Revision Date: 11/21/2018

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Sawyer Products, Inc.
607 7th Avenue N
Safety Harbor, FL 34695

Phone: 1-800-356-7811
Email: feedback@sawyer.com
Web: <https://sawyer.com/>

Product Name: Sawyer Premium Insect Repellent Clothing, Gear & Tents Convenient Spray
Revision Date: 11/21/2018
Version: 1A
MSDS Number: AP57220
Common Name: Aerosol Insect Repellent
Product Code: SP602, SP618, SP619
EPA Number: 50404-6-58188
Chemical Family: Insecticide

2 HAZARDS IDENTIFICATION

GHS Classification of Substance or Mixture: Flammable aerosol - Category 2

GHS Label Elements:

Hazard pictogram(s):



Signal word: **WARNING**

Hazard statements:

- Flammable aerosol
- Compressed gas – contents under pressure; may burst if heated
- Causes eye irritation

Precautionary Statements:

- Contents under pressure.
- Do not use or store near heat or open flame.
- Do not puncture or incinerate container.
- Exposure to temperatures above 130°F may cause bursting.
- Wash hands thoroughly with soap and water after handling. 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 treatment advice.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

CAS #	Percentage	Chemical Name
52645-53-1	0.50%	Permethrin
64742-48-9	<10%	Mineral Spirits
74-98-6	<40%	Propane

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FIRST AID MEASURES

- Inhalation:** Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
- Skin Contact:** Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
- Ingestion:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

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FIRE FIGHTING MEASURES

- Flammability:** Flammable
- Flash Point:** >200 F (Concentrate)
- Flash Point Method:** TTC
- LEL:** Not available.
- UEL:** Not available.

Means of Extinction:

- Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.
- Unsuitable Extinguishing Media: Not available.
- Products of Combustion: May include, and are not limited to: oxides of carbon.
- Explosion Data:
- Sensitivity to Mechanical Impact: Not available.
- Sensitivity to Static Discharge: Not available.
- Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

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ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.
- Environmental Precautions:** Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
- Methods for Containment:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for Clean-Up:** Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.



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7 HANDLING AND STORAGE

Handling Precautions: HARMFUL IF INHALED OR SWALLOWED. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

Storage Requirements: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Maintain adequate ventilation. Use mechanical (general) ventilation for storage areas.

Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves
Eye Protection: Wear eye/face protection.
Hand Protection: Wear suitable gloves.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

INGREDIENTS	EXPOSURE LIMITS	
	OSHA-PEL	ACGIH-TLV
Permethrin	NE	NE
Mineral Spirits	N.E.	NE
Propane	1000 ppm	1000 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Milky white liquid

Physical State: Mixture packaged in pressurized aerosol spray can.

Odor: Odorless

Solubility: Miscible

Spec Grav./Density: 0.983 g/ml

VOC: 36%

Pressure: 60 +/- 6 psig @ 70F

10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to Avoid: Heat, sparks, open flames and temperatures above 120°F

Materials to Avoid: None known.

Hazardous Decomposition: Not known.

Hazardous Polymerization: Will not occur.



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11 TOXICOLOGICAL INFORMATION

Product Information

- Acute Oral LD50** >5,000 mg/kg (rat)
- Acute Dermal LD50** >2,000 mg/kg (rat)
- Acute Inhalation** – LC50 >2.13 mg/L (rats)
- Primary Eye irritation** – not irritating (rabbit).
- Primary Dermal irritation** – mild irritant. (rabbit).
- Dermal sensitization** Not a sensitizer. (guinea pig).

12 ECOLOGICAL INFORMATION

Ecotoxicity Very toxic to aquatic life with long lasting effects.

ECOTOXICOLOGICAL INFORMATION: This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment, washwater, or rinsate. See label for additional precautions and requirements.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

14 TRANSPORT INFORMATION

DOT Class: UN1950, Aerosols, Flammable, 2.1, Limited Quantity
IATA: UN1950, Aerosols, 2.1
IMDG: UN1950, Aerosols, Flammable, 2, Limited Quantity

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Mineral Spirits (64742489 <10%) TSCA

*Propane (74986 <40%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act



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OTHER INFORMATION

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The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.