



# SDS

# Safety Data Sheet

## Sawyer Insect Repellent

MSDS Number: SP646-AP27220

Revision Date: 4/21/2015

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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](mailto:feedback@sawyer.com)  
**Web:** <https://sawyer.com/>

**Product Name:** Sawyer Insect Repellent  
**Revision Date:** 4/21/2015  
**Version:** 1  
**MSDS Number:** SP646-AP27220  
**Common Name:** Aerosol Insect Repellent  
**Product Code:** SP646  
**EPA Number:** 50404-6-58188  
**Chemical Family:** Insecticide

### 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes; Ingestion; Inhalation; Skin.

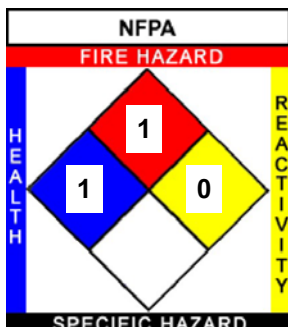
**Inhalation:** No significant adverse health effects are expected to occur upon short-term exposure

**Skin Contact:** May cause irritation.

**Eye Contact:** May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

**Ingestion:** Not a normal route of exposure. Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

NFPA: Health = 1, Fire = 1, Reactivity = 0  
HMIS III: H1/F1/PH0



HMIS III		
HEALTH	1	1
FLAMMABILITY	1	1
PHYSICAL HAZARDS	0	0
PERSONAL PROTECTION B   Safety Glasses, Gloves		



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GHS Signal Word:  
WARNING

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 2  
 Physical, Flammable Aerosols, 3  
 Physical, Gases Under Pressure, Liquefied Gas  
 Health, Acute toxicity, 4 Oral  
 Health, Acute toxicity, 5 Dermal  
 Health, Serious Eye Damage/Eye Irritation, 2 B  
 Health, Acute toxicity, 5 Inhalation

GHS Phrases:

H223 - Flammable aerosol  
 H229 - Pressurized container: may burst if heated  
 H280 - Contains gas under pressure; may explode if heated  
 H302 - Harmful if swallowed  
 H313 - May be harmful in contact with skin  
 H320 - Causes eye irritation  
 H333 - May be harmful if inhaled

GHS Precautionary Statements:

P102 - Keep out of reach of children.  
 P103 - Read label before use.  
 P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P314 - Get Medical advice/attention if you feel unwell.  
 P332+313 - If skin irritation occurs: Get medical advice/attention.  
 P302+352 - IF ON SKIN: Wash with soap and water.

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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
68476-86-8	<40%	Propane/ Isobutane

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### 4 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.

### 5 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).

### 6 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

<b>Handling Precautions:</b>	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.
<b>Storage Requirements:</b>	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

<b>Engineering Controls:</b>	Maintain adequate ventilation. Use mechanical (general) ventilation for storage areas.
<b>Personal Protective Equip:</b>	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/ Isobutane	1000 ppm	1000 ppm

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Milky white liquid
<b>Physical State:</b>	Mixture packaged in pressurized aerosol spray can.
<b>Odor:</b>	Odorless
<b>Solubility:</b>	Miscible
<b>Spec Grav./Density:</b>	0.983 g/ml
<b>VOC:</b>	36%
<b>Pressure:</b>	60 +/- 6 psig @ 70F

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Heat, sparks, open flames and temperatures above 120°F
<b>Materials to Avoid:</b>	None known.
<b>Hazardous Decomposition:</b>	Not known.
<b>Hazardous Polymerization:</b>	Will not occur.



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### 11 TOXICOLOGICAL INFORMATION

No product toxicological information is available.

### 12 ECOLOGICAL INFORMATION

None anticipated under normal conditions of use.

### 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: Flammable Gas (2.1) #2.1

UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, corrosive, Packing Group II or III, (each not exceeding 1 L capacity) or Aerosols, flammable (each not exceeding 1 L capacity) or Aerosols, flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity) or Aerosols, nonflammable (each not exceeding 1 L capacity) or Aerosols, poison, each not exceeding 1 L capacity

### 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

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\*Mineral Spirits (64742489 <10%) TSCA

\*Propane/ Isobutane (68476868 <40%) TSCA

REGULATORY KEY DESCRIPTIONS

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TSCA = Toxic Substances Control Act



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## OTHER INFORMATION

**Author:** LR**Publication Date:** 04/21/2015**Revision No. 1**

*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.*