



SDS

Safety Data Sheet

Sawyer 20% Picaridin Continuous Spray

MSDS Number: 1252225

Revision Date: 5/16/2016

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Apollo Technologies, Inc.
1850 S. Cobb Industrial Blvd.
Smyrna, GA 30082

Vendor

Sawyer Products, Inc.
PO Box 188
Safety Harbor, FL 34695

Phone: 770-433-0210
Web: <http://www.apolloind.com>

Product Name: Sawyer 20% Picaridin Continuous Spray
Revision Date: 5/16/2016
Version: 1
MSDS Number: 1252225
Common Name: Insect Repellent Spray

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely

Target Organs: Eyes; Skin;

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.

Skin Contact: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, burns and other skin damage

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

Ingestion: Ingestion is not an applicable route of entry for intended use. Ingestion may cause nausea and vomiting.

HMIS III: H1/F3/PH0

HMIS III	
HEALTH <input type="checkbox"/>	1
FLAMMABILITY	3
PHYSICAL HAZARDS	0
PERSONAL PROTECTION A Safety Glasses	

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
64-17-5	29%	Ethanol
119515-38-7	20%	Picaridin

Note: Ingredients not listed are non-hazardous, or below reportable levels.

4 FIRST AID MEASURES

- Inhalation:** Not a direct hazard. Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
- Skin Contact:** Not a direct hazard. Get medical attention if needed.
- Eye Contact:** Not a direct hazard. 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:** Not considered dangerous. 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 liquid
Flash Point:	82F(27.8C)
Flash Point Method:	TCC
Burning Rate:	ND
Autoignition Temp:	ND
LEL:	ND
UEL:	ND

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. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. 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:** Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition. Keep material out of reach of children. Do not expose containers to open flame, excessive heat, or direct sunlight.
- 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:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
- Personal Protective Equip:** HMIS PP, A | Safety Glasses

INGREDIENTS	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
Ethanol	NE	NE	
Picaridin	NE	NE	

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless to slightly yellow oil.	Odor:	Slight, perfumed alcohol
Physical State:	Liquid	Molecular Formula:	ND
Odor Threshold:	ND	Solubility:	Soluble in water
Particle Size:	ND	Softening Point:	ND
Spec Grav./Density:	1.019	Percent Volatile:	80%
Viscosity:	ND	Heat Value:	ND
Sat. Vap. Conc.:	ND	Freezing/Melting Pt.:	ND
Boiling Point:	<95 F(>35 C)	Flash Point:	82 F(27.8 C)
Flammability:	Flammable	Octanol:	ND
Partition Coefficient:	ND	Vapor Density:	ND
Vapor Pressure:	ND	VOC:	29%
pH:	5.3	Bulk Density:	ND
Evap. Rate:	ND	Auto-Ignition Temp:	ND
Molecular weight:	ND	UFL/LFL:	ND
Decomp Temp:	ND		

10 STABILITY AND REACTIVITY

- Stability:** Product is stable under normal conditions.
- Conditions to Avoid:** Heat, sparks, open flames and temperatures above 120°F
Do not puncture or incinerate container.
- Materials to Avoid:** None known.
- Hazardous Decomposition:** CO, CO2, and hydrocarbons.
- Hazardous Polymerization:** Will not occur.



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11 TOXICOLOGICAL INFORMATION

Chronic Effects: Not Hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Not Hazardous by WHMIS/OSHA criteria.
Mutagenicity: Not Hazardous by WHMIS/OSHA criteria.
Teratogenicity: Not Hazardous by WHMIS/OSHA criteria.

12 ECOLOGICAL INFORMATION

No product ecological information is available.

13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility. RCRA Haz. No. D001

14 TRANSPORT INFORMATION

UN Number: 1993
DOT class: 3. Combustible liquid
Shipping name: Limited quantity

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Ethanol (64175 n/a%) MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level



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OTHER INFORMATION

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