

MATERIAL SAFETY DATA SHEET
SAWYER PREMIUM INSECT REPELLENT
CLOTHING - ODORLESS PERMETHRIN

According to ISO 11014-1

Date: 17-December-2009

Replaces MSDS Issued: 24-January-2007

1. IDENTIFICATION OF SUBSTANCE

Name: Sawyer Premium Insect Repellent Clothing - Odorless Permethrin

Manufacturer: Coulston Products Incorporated
PO Box 188
Safety Harbor Florida 34695

Distributor: Sawyer Products
605 - 7th Avenue North
PO Box 188
Safety Harbor FL 34695
727-725-1177

EPA Registration Number: 50404-3-58188

Item Number: SP649; 12 oz. net fill

Emergency Information: 800-356-7811

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization/Description: Permethrin*
*(3-phenoxyphenyl)methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethyl
cyclopropanecarboxylate. Cis/trans ration: min 35% (+/-) cis and
max. 65% (+/-) trans.

CAS#, Chemical, Percent		
52645-53-1	Permethrin	0.50%
64742-95-6	Aromatic Petroleum Distillate, Xylene Range	<1.00%
N/A	Inert Ingredients	>98.0%

3. HAZARD IDENTIFICATION

Labeling; Precautionary Statements: Keep out of Reach of Children. Avoid contact with face, eyes, or skin. Harmful if swallowed. Wash thoroughly after handling and before eating or smoking. Do not use on humans. Do not retreat clothing within 6 weeks unless clothing has been laundered between treatments.

NFPA Rating (Scale 0-4):

Health	0
Fire	1
Reactivity	0

4. FIRST AID MEASURES

First Aid; Emergency Procedures:

If inhaled: Remove affected person to fresh air. Apply artificial respiration, if indicated.

Skin Contact: Remove contaminated clothing and wash affected areas with soap and water.

Eye Contact: Flush eyes with plenty of water. Call a physician for treatment advice.

If Swallowed: Sip a glass of water if able to swallow. Do Not induce vomiting.

Call Poison control or a physician immediately for treatment advice.

Do not give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Agents

Water Spray, Carbon dioxide, foam, or dry chemical. Use appropriate extinguishing media for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eye Protection - safety glasses, goggles or face shield

Environmental Precautions: None necessary under normal conditions of use

Measures for Cleaning/Collection: Open windows and doors to ventilate area thoroughly.

Allow to discharge safely, avoiding breathing vapors. Soak up residues with an absorbent material.

7. HANDLING AND STORAGE

Do not store where temperature falls below 32°F

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

Respiratory Protection: None

Skin Protection: None

Eye Protection: Safety glasses, goggles or face shield

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Density: NA

Specific Gravity: 0.995

Unit Pressure: NA

Vapor Pressure, (mmHg): NA

Pounds/Gallon: 8.31

Odor: Slight (Solvent)

Shelf Life: 4 years

Auto ignition Temperature, (°C): NA

Melting Point: NA

Boiling Point: NA

Solubility (Oil): Negligible

Solubility (Water): Miscible

Color: Milky White

Flash Point (TTC): >200°F

Appearance: liquid

pH: 6.0-7.0

10. STABILITY AND REACTIVITY

General: This product is considered stable

Materials to Avoid: None

Conditions to Avoid: Do not store when temperature exceeds 130°F. Keep from Freezing.

Hazardous Decomposition Products (including combustion products): None

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Systems of Overexposure: NONE

Health Effects or Risk from Exposure: Acute: NE Chronic: NE

12. ECOLOGICAL EFFECTS

None anticipated under normal conditions of use.

13. DISPOSAL CONSIDERATIONS

Replace cap, wrap container in several layers of newspaper, and discard container in trash. Dispose of absorbents in trash. Dispose of all wastes in accordance with Federal, State and Local regulations.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: Insect Repellent/Clothing Treatment

Not Restricted

15. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40CFR710: This product is a pesticide and is exempt from TSCA regulation.

CERCLA and SARA Regulations (40CFR355, 370, and 372): This product does not contain and chemicals subject to the reporting requirements of SARA Sec. 313.

16. OTHER INFORMATION

The information contained herein is believed to be accurate whether originating with Sawyer Products or not. Sawyer Product provides not warranty either express or implied, and assumes no responsibility for the accuracy or completeness of the data. Recipients are advised to confirm any data, in advance of need, that it is current, applicable, and suitable to their circumstances.