

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

According to ISO 11014-1

Date: 03 Nov 2004

Replaces MSDS Issued: 18 April 2002

**1. IDENTIFICATION OF SUBSTANCE**

Name: Sawyer Premium Insect Repellent Clothing - Odorless Permethrin

Manufacturer: Coulston Products Incorporated  
PO Box 30  
Easton Pennsylvania 18044-0030 USA

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: SP647N & SP648

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% (max. 40%)(+/-) cis and max. 65% (min 60%)(+/-) trans.

| CAS#, Chemical, Percent |  |        |
|-------------------------|--|--------|
| 52645-53-1              | Permethrin                                     | 0.50%  |
| 64742-95-6              | Aromatic Petroleum Distillate,<br>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 2 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 if irritation persists.

If Swallowed: Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or 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

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.