

MATERIAL SAFETY DATA SHEET

**SAWYER CLOTHING INSECT REPELLENT
CLOTHING TREATMENT ONLY
DO NOT APPLY TO SKIN**

I. PRODUCT IDENTIFICATION

MANUFACTURED BY:
Coulston Products Incorporated
PO Box 30
Easton, PA 18042

MANUFACTURED FOR:
Sawyer Products:
P.O. Box 188
Safety Harbor FL 34695

DATE OF LATEST REVISION: 03 Nov 2004
REPLACES EDITION DATED: 13 Jan 2003

EMERGENCY TEL. # 800-356-7811
BUSINESS TEL. # 727-725-1177
FACSIMILE TEL. # 727-725-1954

TRADE NAME:
Sawyer Premium Clothing Insect Repellent

CODE NO: SP646n, SP601, SP602

EPA REGISTRATION NO: 50404-6-58188

EPA ESTABLISHMENT NO: 10900-OH-1
54287-FL-1

CHEMICAL NAME: NA

COMMON NAME: NA

UN NUMBER: 1950, Aerosols, Non-Flammable, N.O.S. Class 2

II. HAZARDOUS INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS IN AIR</u> <u>ACGIH (TLV) OSHA (PEL)</u>	
*Permethrin	52645-53-1	0.50	NE	NE
Petroleum Distillate	64742-48-9	<9.00	NE	NE
Inert Ingredients (Proprietary mixture of solvents, surfactants, preservatives, and propellents)	NA	>90.00	NE	NE

*(3-phenoxyphenyl)methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethyl cyclopropanecarboxylate. Cis/trans ratio: min. 35% (max. 40%)(+/-) cis and max. 65% (min. 60%) (+/-) trans.

III. PHYSICAL PROPERTIES

Vapor Density (air=1):	NA	Melting Pt. (or range), °F:	NA	Appearance:	NA
Specific Gravity:	0.792	Boiling Pt. (or range), °F:	NA	Particle Size:	NA
Unit Pressure:	46 +/- 5PSIG	Solubility (oil):	Negligible	Pounds/Gallon:	6.597
Vapor Pressure, mmHg@°C:	NA	Solubility (water):	Miscible	Percent Volatile:	30
Color:	Milky White	Odor:	Slight (wax-like)	Shelf Life:	4 years
Flame Extension:	Negative	Evap. Rate (butyl acetate=1):	NA		
Bulk Density ; Settled:	NA				
; Fluffed:	NA				

IV. FIRE AND EXPLOSION

Flash Point, (TCC), °F: >200 Autoignition Temperature, °F: NA
Flammable Limits In Air, Volume %: Lower NE Upper NE
Fire Extinguishing Materials: X Water Spray X Carbon Dioxide X Foam X Dry Chemical Other
Special Firefighting Procedures: None
Unusual Fire and Explosion Hazards: Contents under pressure; exposure to temperatures in excess of 130°F may cause bursting.

V. HEALTH HAZARD INFORMATION

Symptoms of Overexposure for Each Potential Route of Exposure

Acute Toxicity Results:
Oral LD₅₀(Rats): >5000 mg/kg Inhalation LC₅₀(Rats): >2.13 mg/L Primary Dermal Irritation (Rabbits): Mild Irritant
Inhaled: None Dermal LD₅₀(Rats): >2000 mg/kg Primary Eye Irritation Rabbits: Nonirritant
Contact with Skin or Eyes: None
Absorbed Through Skin: None
Swallowed: None
Dermal Sensitization (Guinea Pigs): Non sensitizer

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

First Aid; Emergency Procedures:

Skin Contact: Wash affected areas with soap and warm water. If Swallowed: Contact a physician or Poison Control Center.
Eye Contact: Flush eyes with plenty of water. Contact a physician if irritation persists

Suspected Cancer Agent?

No: This product's ingredients are not found in the lists ___ Yes: ___ Federal OSHA ___ NTP ___ IARC ___ Cal/OSHA
Notes:

VI. REACTIVITY DATA

Stability: Stable ___ Unstable Conditions to Avoid: Do not store above 130°F.
Hazardous Polymerization: ___ May Occur Will Not Occur Incompatibility (materials to avoid): None
Hazardous Decomposition Products (including combustion products): None Conditions to Avoid: None

VII. SPILL, LEAK AND DISPOSAL

Spillage or Leakage Procedures; steps to be taken in case material is spilled or released; Faulty or leaking container: Keep people away. Open all windows and doors and ventilate area thoroughly. Allow to discharge safely, avoiding breathing vapors. Soak up residues with an absorbent material.

Preparing Wastes for Disposal (container types, neutralization):

Replace cap, wrap container in several layers of newspaper, and discard container in trash. Do not incinerate or puncture. Dispose of absorbents in trash.

NOTE: Dispose of all Wastes in Accordance with Federal, State and Local Regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and Engineering Controls: None Respiratory Protection: None
Eye Protection (type): Safety glasses, goggles or face shield Gloves (specify material): None
Other Clothing and Equipment: None Work Practices, Hygienic Practices: Follow Label Directions
Other Handling and Storage Requirements: Do not puncture, incinerate or store where temperature exceeds 130°F or falls below 32°F.

IX. LABELING

Labeling; Precautionary Statements: **KEEP OUT OF REACH OF CHILDREN.** Do not allow children or pets to contact treated surfaces until spray has dried. Do not allow spray to contact food, feedstuffs, or water supplies. Thoroughly wash dishes and food handling utensils contaminated with this product. Do not retreat clothing within 2 weeks unless the clothing has been laundered between treatments.

Other Precautions: **CLOTHING TREATMENT ONLY. DO NOT APPLY TO SKIN.**

X. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710: This product is a pesticide and is exempt from TSCA regulation.
CERCLA and SARA Regulations (40 CFR 355, 370, and 372): This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

XI. KEY AND COMMENTS

NA = Not Applicable NE = None (not) Established

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