

MATERIAL SAFETY DATA SHEET

**SAWYER'S PERMETHRIN TICK REPELLENT
ODORLESS FORMULA
CLOTHING TREATMENT ONLY
DO NOT APPLY TO SKIN**

I. PRODUCT IDENTIFICATION

MANUFACTURED BY:

Coulston Products Incorporated
Easton, PA 18042-3662

Sales & Mailing Address:

Sawyer Products
PO Box 188
Safety Harbor FL 34695

DATE OF LATEST REVISION: 29 Nov 2000
REPLACES EDITION DATED: 17 March 1994

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BUSINESS TEL. # 727-725-1177
FACSIMILE TEL. # 727-725-1954

TRADE NAME:

SAWYER'S PERMETHRIN TICK REPELLENT
ODORLESS FORMULA

PRODUCT NO: SP643 / SP646

EPA REGISTRATION NO: 50404-6-58188

EPA ESTABLISHMENT NO: 49830-GA-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-dichloroethyl)-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
Specific Gravity:	0.792	Boiling Pt. (or range), °F:	NA
Unit Pressure:	46 +/- 5PSIG	Solubility (oil):	Negligible
Vapor Pressure, mmHg@°C:	NA	Solubility (water):	Miscible
Pounds/Gallon:	6.597	Color:	Milky White
Appearance:	NA	Odor:	Slight (wax-like)
Flame Extension:	Negative	Particle Size:	NA
Bulk Density ; Settled:	NA	Evap. Rate (butyl acetate=1):	NA
; Fluffed:	NA	Shelf Life:	4 years
Percent Volatile:	30		

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:

Water Spray Carbon Dioxide Foam 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:
Inhaled: None
Contact with Skin or Eyes: None
Absorbed Through Skin: None
Swallowed: None

Acute Toxicity Results:
Oral LD₅₀(Rats): >5000 mg/kg
Dermal LD₅₀(Rats): >2000 mg/kg
Inhalation LC₅₀(Rats): >2.13 mg/L
Primary Eye Irritation (Rabbits): Nonirritant
Primary Dermal Irritation (Rabbits): Mild Irritant
Dermal Sensitization (Guinea Pigs): Non sensitizer

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

First Aid; Emergency Procedures:

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

Suspected Cancer Agent?

No: This product's ingredients are not found in the lists below.

Yes: Federal OSHA NTP IARC Cal/OSHA

Notes:

VI. REACTIVITY DATA

Stability: Stable Unstable

Conditions to Avoid: Do not store when Temperature exceeds 130°F.

Incompatibility (materials to avoid): None

Hazardous Decomposition Products (including combustion products): None

Hazardous Polymerization: May Occur Will Not Occur

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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