

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

EPA Registration No. 48139-11
Tick Block Permethrin Clothing Treatment

GENERAL INFORMATION

MANUFACTURER:	Hilton Head Laboratories, Inc. 219 Scott St, Unit 182 Beaufort, SC 29902	EMERGENCY TELEPHONE NO. (800 424-9300 INFORMATION: (843) 379-5200
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Distributor: Tick Guys, LLC
227 Farm Street
Blackstone, MA 01504

Epa Reg No. 48139-11-84401
EPA Est. No. 62828-SC-001
DATE PREPARED: 01/02/08

PREPARED BY: Nancy S. Ball

HAZARDOUS INGREDIENTS/COMPOSITION

This product is hazardous to fish.

Composition:	Permethrin (CAS No. 52645-53-1)	00.5%
	Inert Ingredients	99.5%

PHYSICAL/CHEMICAL CHARACTERISTICS

pH:	Neutral (6-8)	Flash Point::	<200E F , <93E C TCC
Viscosity:	1.05 cst	Odor:	Mild Aromatic
Density:	1.00 @ 20EC	Appearance:	Milky White Liquid
Solubility (H2)):	n/a		

FIRE AND EXPLOSION HAZARD DATA

Fire and Explosion Hazards:	None Known.
Extinguishing Media:	Foam, dry chemical, carbon dioxide, water spray

REACTIVITY DATA

Stability:	Stable	Hazardous Polymerization:	Will not occur
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HEALTH HAZARD DATA

POTENTIAL HEALTH EFFECTS

EYES: Non-irritating

SKIN: May cause slight irritation. Absorption: LD50>5,050 mg/kg, Sensitization: negative

CHRONIC (CANCER INFORMATION): A statistically significant increase in the incidence of lung and liver tumors was observed in female mice receiving diets containing 375 to 750 mg/kg of permethrin (undiluted) over 85 weeks.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

ACUTE ORAL EFFECTS: LD50 . 5,050 MG/KG

ACUTE INHALATION EFFECTS: 4-HOUR LC50 > 5.18 mg./L, 1-hour equivalent LC%) >20.72 mg/L
(for DOT Classification)

FIRST AID

SKIN CONTACT: Wash thoroughly after skin contact with soap and water
EYE CONTACT: Immediately flush the eyes with plenty of water for at least 15 minutes.

PRECAUTIONS FOR SAFE HANDLING & USE

HANDLING PRECAUTIONS: Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before surface applications. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry.

WORK HYGIENIC PRACTICES: Wash thoroughly with soap and water after handling and before smoking or eating.

PERSONAL PROTECTIVE EQUIPMENT/EXPOSURE CONTROLS: Use in a well ventilated area. Wear safety glasses and chemical resistant gloves.

DISPOSAL INFORMATION

SPILL, LEAK OR RELEASE: Soak up with sawdust, sand or other absorbent material and discard in trash.

WASTE DISPOSAL: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

STORAGE CONDITIONS

Store upright at room temperature in a well ventilated area. Avoid exposure to extreme temperatures.

ECOLOGICAL INFORMATION

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water.

TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not DOT regulated.

REGULATORY INFORMATION

SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40CFR 372

<u>CAS Number</u>	<u>Ingredient Name</u>	<u>Percent by Weight</u>
52645-53-1	Permethrin	0.5

This information must be included on all MSDSs that are copied and distributed for this material.

REGULATED INGREDIENTS:

INGREDIENT:	Permethrin
CAS NUMBER:	52645-53-1
PERCENT BY WT:	0.5
Regulations:	Massachusetts Hazardous Substance New Jersey Workplace Hazardous Substance SARA Section 313 Toxic Chemical

OTHER INFORMATION

<u>HMIS HAZARD RATING</u>		<u>NFPA HAZARD RATING</u>	
HEALTH	1 Slight	HEALTH	1 Slight
FIRE	1 Slight	FIRE	1 Slight
REACTIVITY	0 Negligible	REACTIVITY	0 Negligible
PROTECTION	B	SPECIAL	

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Buyer assumes all responsibility for safety and use not in accordance with directions.