

HILTON HEAD LABORATORIES, INC -- INSECT REPELLANT, CLOTHING APPLICATION --
6840-01-334-2666

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===== Product Identification =====

Product ID:INSECT REPELLANT, CLOTHING APPLICATION

MSDS Date:06/01/1996

FSC:6840

NIIN:01-334-2666

MSDS Number: CCSXK

=== Responsible Party ===

Company Name:HILTON HEAD LABORATORIES, INC

Address:3 BURNT CHURCH ROAD

Box:1960

City:BLUFFTON

State:SC

ZIP:29910-1960

Country:US

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Info Phone Num:803-757-5320

Emergency Phone Num:803-757-5320

CAGE:NO449

=== Contractor Identification ===

Company Name:HILTON HEAD LAB (PHYSICAL LOCATION OF PLANT)

Address:3 BURNT CHURCH ROAD

Box:City:BLUFFTON

State:SC

ZIP:29910

Country:US

Phone:803-757-5320

CAGE:0NR20

Company Name:HILTON HEAD LABORATORIES, INC

Address:3 BURNT CHURCH ROAD

Box:1960

City:BLUFFTON

State:SC

ZIP:29910-1960

Country:US

Phone:803-757-5320

CAGE:NO449

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===== Composition/Information on Ingredients =====

Ingred Name:PERMETHRIN
CAS:52645-53-1
RTECS #:GZ1225000
Fraction by Wt: 40.00%
Other REC Limits:NONE RECOMMENDED

Ingred Name:RELATED COMPONUND
Fraction by Wt: 3.48%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PETROLEUM HYDROCARBON,
CAS:64742-47-8
RTECS #:OA5504000
Fraction by Wt: 48.00%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 ORAL 1150 MG/KG

Routes

of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: MAY CAUSE TEARING AND BLURRED VISION. SKIN: MODERATELY IRRITATING. INHALATION: SHOULD NOT CAUSE PROBLEMS AT NORMAL TEMPERATURES, BUT THE INHALATION OF THE VAPORS AT ELEVATED TEMPERATURES MAY CAUSE NASAL AND RESPIRATORY IRRITATION. INGESTION: CAN CAUSE IRRITATION OF THE STOMACH AND INTESTINE, POSSIBLY VOMITING.

Explanation of Carcinogen

icity:PRODUCT CONTAINS NO INGREDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:SKIN IRRITATION, GASTROINTESTINAL DISTURBANCES.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER. DO NOT INDUCE VOMITING. VOMITING COULD CAUSE ASPIRATION PNEUMONIA. IF INHALED: REMOVE AFFECTED PERSON TO FRESH AI

R, APPLY ARTIFICIAL

RESPIRATOR IF INDICATED. IF IN EYES: FLUSH WITH PLENTY OF WATER.
CONTACT A PHYSICIAN IF IRRITATION PERSISTS. IF ON SKIN: REMOVE
CONTAMINATED CLOTHING AND WASH AFFECTED AREAS WITH SOAP AND WATER.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:115F,46C

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS, COOL
FIRE-EXPOSED AREAS AND EQUIPMENT.

Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures
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Spill Release Procedures:SOAK UP WITH AN ABSORBENT MATERIAL SUCH AS
SAND, SAWDUST, EARTH, FULLER'S EARTH, ETC.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:STORE UPRIGHT AT ROOM TEMPERATURE.
AVOID EXPOSURE TO EXTREME TEMPERATURES. DO NOT CONTAMINATE WATER,

FOOD OR FEED BY STORAGE OR DISPOSAL.

Other Precautions:RECAP EMPTY PERMETHRIN CONTAINER, PLACE IN PLASTIC
BAG AND PUT IN TRASH. DO NOT APPLY DIRECTLY TO LAKES, STREAMS,
PONDS, TIDAL MARSHES OR ESTUARIES. DO NOT APPLY WHERE RUNOFF IS
LIKELY TO OCCUR.

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Exposure Controls/Personal Protection
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Respiratory Protection:NORMAL (MECHANICAL) EXHAUST.

Ventilation:NORMAL (MECHANICAL) EXHAUST

Protective Gloves:RUBBER OR IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES
OR GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

RECAP EMPTY PERMETHRIN CONTAINER, PLACE IN PLASTIC BAG AND PUT IN
TRASH. THIS PRODUCT IS TOXIC TO FISH. DO NOT APPLY DIRECTLY TO
LAKES, STREAMS, PONDS, TIDAL MARSHES OR ESTUARIES. DO NOT APPLY
WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER
CONDITIONS FAVOR

OR DRIFT FROM AREAS TREATED.

===== Physical/Chemical Properties =====

HCC:T5

Spec Gravity:1.010

Evaporation Rate & Reference:50 %

Solubility in Water:SOLUBLE.

Appearance and Odor:DARK BROWN, SLIGHTLY VISCOUS LIQUID, AROMATIC ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE

SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods:PESTICIDE OR MIXTURE THAT CANNOT BE USED ACCORDING TO INSTRUCTIONS MUST BE DISPOSED OF AT OR BY AN APPROVED WASTE DISPOSAL FACILITY. THIS PRODUCT IS TOXIC TO FISH. DISPOSE CONTAINERS BY PLACING ALL KIT COMPONENTS IN KIT BAG AND DISPOSE OF IN TRASH.

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