

HILTON HEAD LABORATORIES, INC -- INSECT REPELLENT, CLOTHING APPLICATION, KIT --
6840-01-345-0237

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

Product ID:INSECT REPELLENT, CLOTHING APPLICATION, KIT

MSDS Date:01/01/1997

FSC:6840

NIIN:01-345-0237

MSDS Number: BRTJG

=== Responsible Party ===

Company Name:HILTON HEAD LABORATORIES, INC

Address:3 BURNT CHURCH ROAD

Box:1960

City:BLUFFTON

State:SC

ZIP:29910-1960

Cou

ntry:US

Info Phone Num:803-987-3100

Emergency Phone Num:803-987-3100

Preparer's Name:NANCY S. BALL

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

Company Name:SC - VOCATIONAL RE

HABILITATION CENTER

Box:UNKNOWN

CAGE:0X584

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

Ingred Name:PERMETHRIN

CAS:52645-53-1

RTECS #:GZ1255000

Fraction by Wt: 40% %

Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROTREATED LIGHT PETROLEUM DISTILLATE

CAS:64742-47-8

Fraction by Wt: 48%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:RELATED COMPOUNDS

CAS:64742-47-8

Fraction by Wt: 3.48%

Other REC Limits:NONE RECOMMENDED

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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 Carcinogenicity: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 VOM

ITING. VOMITING COULD CAUSE ASPIRATION PNEUMONIA. IF
INHALED: REMOVE AFFECTED PERSON TO FRESH AIR, APPLY ARTIFICIAL
RESPIRATIO N 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.

===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash Point:115F,46C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguish
ing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL FIRE PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH
WATER FOG.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MFR.

===== Accidental Release Measures =====

Spill Release Procedures:SOAK UP WITH AN ABSORBENT MATERIAL SUCH AS
SAND, SAWDUST, EARTH, FULLER'S EARTH, ETC.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

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.

===== Exposure C
ontrols/Personal Protection =====

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
EPA REG # 63120-1.

===== Physical/Chemical Properties ==

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HCC:F4

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.010

Evaporation Rate & Reference:50 %

Solubility in Water:EMULSIFIABLE

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.

Ha

azardous 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 KI T COMPONENTS IN KIT BAG AND DISPOSE OF IN TRASH.

===== Disclaimer =====

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