

HILTON HEAD LABORATORIES -- INSECT REPELLENT, CLOTHING APPLICATION, KIT - INSECT REP
MATERIAL SAFETY DATA SHEET
NSN: 6840013450237
Manufacturer's CAGE: 0NR20
Part No. Indicator: A
Part Number/Trade Name: INSECT REPELLENT, CLOTHING APPLICATION, KIT

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General Information
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Item Name: INSECT REPELLENT, CLOTHING APPLICATION
Company's Name: HILTON HEAD LABORATORIES, INC
Company's Street: 3 BURNT CHURCH ROAD
Company's P. O. Box: 1960
Company's City: BLUFFTON
Company's State: SC
Company's Country: US
Company's Zip Code: 29910-1960
Company's Emerg Ph #: 803-987-3100
Company's Info Ph #: 803-987-3100
Distributor/Vendor # 1: SC - VOCATIONAL REHABILITATION CENTER
Distributor/Vendor # 1 Cage: 0X584
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 01JAN97
Safety Data Review Date: 07JAN97
Supply Item Manager: KZ
MSDS Preparer's Name: NANCY S. BALL
Preparer's Company: HILTON HEAD LABORATORIES, INC.
Preparer's City: BLUFFTON
Preparer's State: SC
Preparer's Zip Code: 29910-1960
MSDS Serial Number: BRTJG
Specification Number: MIL-I-44410
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: F4
Unit Of Issue: BX
Unit Of Issue Container Qty: 12 X 3 OUNCES
Type Of Container: BOTTLES/BOX
Net Unit Weight: 2.25 LBS.

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: PERMETHRIN
Ingredient Sequence Number: 01
Percent: 40 %
NIOSH (RTECS) Number: GZ1255000
CAS Number: 52645-53-1
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: HYDROTREATED LIGHT PETROLEUM DISTILLATE
Ingredient Sequence Number: 02
Percent: 48
NIOSH (RTECS) Number: 1002846HL
CAS Number: 64742-47-8
OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: RELATED COMPOUNDS
Ingredient Sequence Number: 03
Percent: 3.48
NIOSH (RTECS) Number: 1012678RC
CAS Number: 64742-47-8
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics
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Appearance And Odor: DARK BROWN, SLIGHTLY VISCOUS LIQUID, AROMATIC ODOR
Boiling Point: NOT GIVEN
Melting Point: NOT GIVEN
Vapor Pressure (MM Hg/70 F): NOT GIVEN
Vapor Density (Air=1): NOT GIVEN
Specific Gravity: 1.010
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: 50 %
Solubility In Water: EMULSIFIABLE
Corrosion Rate (IPY): UNKNOWN

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Fire and Explosion Hazard Data
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Flash Point: 115F,46C
Flash Point Method: TCC
Lower Explosive Limit: NOT GIVEN
Upper Explosive Limit: NOT GIVEN
Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.
Special Fire Fighting Proc: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MFR.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT REVELANT

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Health Hazard Data
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LD50-LC50 Mixture: LD50 ORAL 1150 MG/KG
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz 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.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Signs/Symptoms Of Overexp: SKIN IRRITATION, GASTROINTESTINAL DISTURBANCES.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: 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 AIR, APPLY ARTIFICIAL RESPIRATION 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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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: SOAK UP WITH AN ABSORBENT MATERIAL SUCH AS SAND, SAWDUST, EARTH, FULLER'S EARTH, ETC.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: 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.
Precautions-Handling/Storing: 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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Control Measures
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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.
Suppl. Safety & Health Data: EPA REG # 63120-1.

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Transportation Data
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Trans Data Review Date: 98007
DOT PSN Code: GJL
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
DOT Class: 3
DOT ID Number: UN1993
DOT Pack Group: III
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: HIA
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMO Regulations Page Number: 3345
IMO UN Number: 1993
IMO UN Class: 3.3
IMO Subsidiary Risk Label: -
IATA PSN Code: MCA
IATA UN ID Number: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: MCA
AFI Symbols: *

AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Class: 3
AFI ID Number: UN1993
AFI Pack Group: III
AFI Special Prov: P5
AFI Basic Pac Ref: A7.3
MMAC Code: NR

N.O.S. Shipping Name: AROMATIC PETROLEUM SOLVENT
Additional Trans Data: ALSO CONTAIN PERMETHRIN(40%);KEEP AWAY FROM FOOD.

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Disposal Data

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Label Data

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Label Required: NO
Technical Review Date: 07JAN98
Label Status: X
Common Name: LABEL COVERED UNDER EPA REGS - HAZCOM LABEL NOT
AUTHORIZED
Year Procured: 1997