

HOLT LLOYD CORPORATION -- AEROSOL ID 004-221-6549 -- 8030-00-546-8637

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

Product ID:AEROSOL ID 004-221-6549

MSDS Date:01/01/1988

FSC:8030

NIIN:00-546-8637

MSDS Number: BHFQT

=== Responsible Party ===

Company Name:HOLT LLOYD CORPORATION

Address:4647 HUGH HOWELL ROAD

City:TUCKER

State:GA

ZIP:30084-5096

Country:US

Info Phone Num:404-934-7800

Emergency Phone Num:1-800-4

24-9300

Preparer's Name:JOSEPH E. TARPLEY

CAGE:GO159

=== Contractor Identification ===

Company Name:HOLT LLOYD CORPORATION

Address:4647 HUGH HOWELL ROAD

City:TUCKER

State:GA

ZIP:30084-5096

Country:US

Phone:(404) 934-7800

CAGE:GO159

Company Name:LPS LABORATORIES, INC.

Address:4647 HUGH HOWELL ROAD

Box:City:TUCKER

State:GA

ZIP:30085-5052

Country:US

Phone:404-934-7800

CAGE:66724

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

Ingred Name:PETROLIUM OXIDATE

Fraction by Wt: 12.0

%  
OSHA PEL:NOT ESTAB  
ACGIH TLV:NOT ESTAB

Ingred Name:PETROLIUM DISTILLATES  
CAS:64742-88-7  
Fraction by Wt: 48.0%  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA  
III)  
CAS:76-13-1  
RTECS #:KJ4000000  
Fraction by Wt: 37%  
OSHA PEL:1000PPM/1250STEL  
ACGIH TLV:1000PPM/1250STEL9192  
Ozone Depleting Chemical:1

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 3.0%  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;93

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:EYES: IRRI. SKIN: REPEATED/PROLONGED CONTACT  
MAY CAUSE DRYING OF SKIN. INHAL: HEADACHE, DIZZ, NAUSEA &  
ANESTHETIC EFFECTS.  
Medical Cond Aggravated by Exposure:NONE FROM NORMAL EXPSOURE

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

First Aid:EYE: FLUSH WITH COPIOUS AMTS OF  
COLD WATER & CONTACT  
PHYSICIAN. SKIN: WASH W/SOAP & WATER & THEN APPLY MED SKIN CREAM.  
INHAL: MOVE TO FRESH AIR & CONTACT PHYSICIAN. INGES: CONTAINS  
ALIPHATIC HYDROCARBONS & PETROLIUM OIL. DO NOT INDUCE VOMITCONTACT  
PHYSICIAN IMMED. MINUTE AMT ASPIRATED INTO LUNGS DURING INGES MAY  
CAUSE SEVERE PULMONARY INJURY.

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

Flash Point Method:TCC  
Flash Point:140 F 60.00 C  
Lower Limits:1  
Upper Limits:6  
Extinguishing M

edia:FOAM, CARBON DIOXIDE OR DRY CHEMICAL  
Fire Fighting Procedures:TREAT AS COMBUSTIBLE PETROLEUM DISTILLATES  
Unusual Fire/Explosion Hazard:EXCESSIVE HEAT CAUSED BY FIRE WILL CAUSE  
AEROSOLS TO BURST

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

Spill Release Procedures:VENT AREA, OPEN DOORS/WINDOWS. REMOVE IGNITION  
SOURCES. REMOVE LEAKING CONTAINER & TRANSFER REMAINING PRODUCT TO  
ANOTHER VESSEL. PREVENT FROM GOING IN SEWER, WATER COURSES BY  
DIKING OR IMPOUNDING  
G. USE APPROPRIATE SAFETY EQUIP, MOP UP OR SOAK UP  
W/ABSORBENT

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

Handling and Storage Precautions:STORE AEROSOLS BELOW 120 F & ABOVE 32  
F. STORE BULK BELOW 150F & ABOVE 32 F. STORE AWAY FROM IGNITION  
SOURCES & AVOID BREATHING VAPORS. WASH HANDS.  
Other Precautions:WASH HANDS W/SOAP & WATER AFTER USE OR BEFORE BREAKS  
& LUNCH & AT THE END OF WORK PERIODS. REMOVE CONTAMINATED CLOTHING  
AND LAUNDRY BEFORE REUSE.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED.  
FOR ENCLOSED AREAS, USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE  
RESPIRATOR OR SELF CONTAINED BREATHING APPARATUS  
Ventilation:LOCAL EXHAUST IS ADEQUATE. HOWEVER MECH VENT SHOULD BE USED  
WHEN SPRAYING IN ENCLOSED AREAS. VAPORS MUST BE MINIMIZED  
Protective Gloves:SOLVENT RESISTANT GLOVES  
Eye Protection:FACE SHIELD OR GOGGLES  
Other Protective Equipment:  
NONE  
Supplemental Safety and Health  
NK

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

HCC:V3  
Boiling Pt:B.P. Text:NE  
Vapor Pres:< 2  
Vapor Density:> 1  
Spec Gravity:.857  
Evaporation Rate & Reference:NE  
Solubility in Water:NIL  
Appearance and Odor:DARK, AMBER LIQUID WITH MILD SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS SUCH AS LIQ CHLORINE, CONCENTRATED OXYGEN OR

SODIUM HYPOCHLORITE

Stability Condition to Avoid:AVOID SPARKS OR OPEN FLAMES

Hazardous Decomposition Products:THERMAL DECOMP MAY YIELD CARBON MONOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS FOR PETROLIUM DISTILLATES

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