

LPS LABORATORIES,INC. -- LPS 8 13 A -- 8030-00-938-1947

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

Product ID:LPS 8 13 A

MSDS Date:01/01/1988

FSC:8030

NIIN:00-938-1947

MSDS Number: BHDZP

=== Responsible Party ===

Company Name:LPS LABORATORIES,INC.

Address:4647 HUGH HOWELL ROAD

City:TUCKER

State:GA

ZIP:30084-5096

Country:US

Info Phone Num:404-934-7800

Emergency Phone Num:404-934-7800

Preparer's Name:JOSEP

H E. TARPLEY

CAGE:66724

=== Contractor Identification ===

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

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

Ingred Name:PETROLIUM OXIDATE

Fraction by Wt: 33%

OSHA PEL:NE

ACGIH TLV:NE

Ingred Name:PETROLEUM OIL (SEVERELY HYDEO-TREATED)

CAS:70592-78-8

Fraction by Wt: 10-15%

Other REC Limits:*OIL MIST

OSHA PEL:5MG/M3* 10MG/M3 STEL

AC

GIH TLV:5MG/M3* 10MG/M3 STEL

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 31%

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

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

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

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

Effects of Overexposure:EYES: IRRITATION. SKIN: REPEATED/PROLONGED

CONTACT MAY CAUSE DRYING OF SKIN. INHALATION: HEADACHE, DIZZINESS, NAUSEA AND ANESTHETIC EFFECTS.

Medical Cond Aggravated by Exposure:NONE FROM NORMAL EXPOSURE

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

First Aid:EYES: FLUSH W/COPIOUS AMTS OF COLD WATER & CONTACT PHYSICIAN. SKIN: WASH W/SOAP & WATER & THEN APPLY MEDICATED SKIN CREAM.

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INHALATION: MOVE TO FRESH AIR & CONTACT PHYSICIAN. & INGESTION:

CONTAINS ALIPHATIC HYDROCARBONS & PETROLEUM OIL. DO NOT INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY. MINUTE AMOUNT ASPIRATED INTO LUNGS DURING INGESTION MAY CAUSE SEVERE PULMONARY INJURY

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

Flash Point Method:TCC

Flash Point:MIN 140 F 60 C

Lower Limits:6

Upper Limits:1

Extinguishing Media:FOAM, CARBON DIOXIDE OR DRY CHEMICAL

Fire Fighting Procedures:T

REAT AS COMBUSTIBLE PETROLIUM DISTILLATES

Unusual Fire/Explosion Hazard:EXCESSIVE HEAT CREATED BY FIRE WILL CAUSE
EARSOLS TO BURST

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

Spill Release Procedures:VENT AREA BY OPEN DOORS & WINDOWS. REMOVE ALL
IGNITION SOURCES. REMOVE LEAKING CONTAINER & TRANSFER REMAINING
PRODUCT TO ANOTHER VESSEL. PREVENT PRODUCT FROM GOING INTO SEWERS &
WATER COURSES BY DIKIN G/IMPOUNDING. USE APPROP SAFETY EQUIPMENT

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

Handling and Storage Precautions:STORE AEROSOLS BELOW 120 F AND ABOVE
32 F. STORE BULK BELOW 150 F AND ABOVE 32 F. STORE AWAY FROM
IGNITION SOURCES AND AVOID BREATHING VAPORS.

Other Precautions:WASH HANDS WITH SOAP AND WATER AFTER USE OR BEFORE
BREAKS AND LUNCH AND AT THE END OF WORK PERIODS. REMOVE
CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE

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

Respirator

y Protection:NONE REQUIRED IF GOOD VENT IS MAINTAINED.

ENCLOSED AREAS, USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE
RESPIRATOR OR SELF CONTAINED BREATHING APPARATUS

Ventilation:LOCAL EXHAUST USUALLY ADEQUATE. MECHANICAL VENT SHOULD BE
USED WHEN SPRAYING IN INCLOSED AREAS. VAPORS CONCENT MINIMAL

Protective Gloves:SOLVENT RESISTANT GLOVES FOR LIQUID

Eye Protection:FACE SHIELD OR GOGGLES FOR SPRAY/SPLASH

Other Protective Equipment:NONE

Supplemental Safety and Health

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

HCC:V2

Boiling Pt:B.P. Text:NE

Vapor Pres:< 2

Vapor Density:> 1

Spec Gravity:.975

Evaporation Rate & Reference:NE

Solubility in Water:NIL

Appearance and Odor:DARK, AMBER LIQUID WITH MILD SOLVENT ODOR

Percent Volatiles by Volume:> 60

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN OR
SODIUM HYPOCHLORITE

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ability Condition to Avoid:AVOID SPARKS OR OPEN FLAMES (SEE HANDLING AND STORING PRECAUTIONS)

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REG. FOR PETROLIUM DISTILLATES. MOP OR SOAK UP WITH ABSORBENT MATERIAL, SUCH AS SAND OR CLAY

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