

L P S LABORATORIES -- LPS ELECTRO CONTACT CLEANER -- 6850-00-360-6588

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Product Identification
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Product ID:LPS ELECTRO CONTACT CLEANER

MSDS Date:08/01/1991

FSC:6850

NIIN:00-360-6588

MSDS Number: BHYCK

=== Responsible Party ===

Company Name:L P S LABORATORIES

Address:4647 HUGH HOWELL ROAD

City:TUCKER

State:GA

ZIP:30084-5096

Country:US

Info Phone Num:404-934-7800

Emergency Phone Num:404-93

4-7800

Preparer's Name:JOE TARPLEY

CAGE:EO929

=== Contractor Identification ===

Company Name:L P S LABORATORIES

Address:4647 HUGH HOWELL RD

City:TUCKER

State:GA

ZIP:30084-5004

Country:US

Phone:404-934-7800

CAGE:EO929

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

ARA

III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 70-80%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9192

Ozone Depleting Chemical:1

Ingred Name:CHLORODIFLUOROMETHANE

CAS:75-45-6

RTECS #:PA6390000

Fraction by Wt: 20-30%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000PPM; 9192

Ozone Depleting Chemical:2

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE

HEADACHE,DIZZINESS,NAUSEA AND VOMITING. CHRONIC:DRYING OF

SKIN,DEFATTING AND HEART PROBLEMS.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:MAY CAUSE IRRITATION OF EYES,SKIN,RESPIRATORY

OR G.I.TRACTS;MAY CAUSE HEADACHE,DIZZINESS,NAUSEA,VOMITING OR GI

TRACT DISTURBANCES POSSIBLE OR DRYNESS OF SKIN.

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Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS

OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR

RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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===== First Aid Measures =====
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First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.

GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER

FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN:REMOVE CONTAMINA

WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:NON FLAMMABLE;USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL IF APPLICABLE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST DUE TO EXTREME HEAT.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION; VENTILATE THE AREA.CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL (BELOW 120F), DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE NORMALLY REQUIRED.USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDATIONS

ENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:V2

Boiling Pt:B.P. Text:118F,48C

Vapor Pres:334

Vapor Density:2.9

Spec Gravity:1.57

Evaporation Rate & Reference:1.7 (CCL*4)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,COLORLESS LIQUID WITH MILD,SWEET ODOR

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES

ALKALI OR ALKALINE EARTH METALS SUCH AS POWDERED AL,ZN,BERYLLIUM

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:NONE NOTED.OXIDES OF CARBON AND HALOGENATED COMPOUNDS POSSIBLE.

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.

DISPOSAL MUST BE MADE

IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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