

LIGHTHOUSE FOR THE BLIND INC -- LACO SOLVENT -- 1045-01-111-8263

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

Product ID:LACO SOLVENT

MSDS Date:08/22/1985

FSC:1045

NIIN:01-111-8263

Kit Part:Y

MSDS Number: BQWMX

=== Responsible Party ===

Company Name:LIGHTHOUSE FOR THE BLIND INC

Address:10440 TRENTON AVE

City:ST. LOUIS

State:MO

ZIP:63132-1223

Country:US

Info Phone Num:314-423-0139

Emergency Phone Num:314-42

3-0139

Preparer's Name:R.J.SPOMER

CAGE:1A864

=== Contractor Identification ===

Company Name:LIGHTHOUSE FOR THE BLIND INC

Address:10440 TRENTON AVE

Box:City:ST. LOUIS

State:MO

ZIP:63132-1223

Country:US

Phone:314-423-0139

CAGE:1A864

Company Name:THOSANI INC

Address:111 W PARK DR

Box:City:MT. LAUREL

State:NJ

ZIP:08054

Country:US

Phone:609-727-6900

CAGE:66791

Company Name:U S INDUSTRIAL CHEMICALS CO

Address:RT 2

Box:218

City:TUSCOLA

State:IL

ZIP:61953-9802

Country:US

CAGE:1F942

===== Compo

sition/Information on Ingredients =====

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 86.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9293

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 7.1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 3.7%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PP

M/250STEL; 93

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 1.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 0.9%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ing

red Name:NAPHTHA, LIGHT ALIPHATIC (PETROLEUM) (MATERIAL CONTAINS UP TO 5 VOL.% BENZENE AND 20 VOL.% N-HEXANE). (RUBBER SOLVENT)

CAS:64742-89-8

Fraction by Wt: 0.8%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BITREX

CAS:3734-33-6

Fraction by Wt: 0.001%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NT

P:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION, SKIN: MAY CAUSE IRRITATION AND DEFATTING ON PROLONGED CONTACT. INHALATION: EXPOSURE TO OVER 1000 PPM MAY CAUSE HEADACHE, DROWSINESS AND LASSITUDE, LOSS OF APPETITE, AND INABILITY TO CONCENTRATE. IRRITATION OF THROAT. INGESTION: DEPRESSION OF CNS, NAUSEA, VOMITING, DIARRHEA, BLINDNESS, DEATH.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DEFATTING.

INHALATION: HEADACHE, DROW

SINESS AND LASSITUDE, LOSS OF APPETITE,

AND INABILITY TO CONCENTRATE, IRRITATION OF THROAT. INGESTION: DEPRESSION OF CNS, NAUSEA, VOMITING, DIARRHEA, BLINDNESS, DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. INH

ALATION: MOVE TO

FRESH AIR. IF NOT BREATHING GIVE CPR. GET MEDICAL ATTENTION.

INGESTION: GIVE WATER OR MILK TO DILUTE. GET MEDICAL ATTENTION.

INDUCE VOMITING ONLY IF ADVISED BY PHYSICIAN OR POISON CONTROL CENTER.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC

Flash Point:50.0F,10.0C

Lower Limits:3.3

Upper Limits:19

Extinguishing Media:DRY CHEMICAL, ALCOHOL FOAM, CARBON DIOXIDE, WATER. WATER MAY BE INEFFECTIVE.

Fire Fighting Proc

edures:USE WATER TO KEEP FIRE EXPOSED CONTAINERS
COOL. IF LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE
VAPORS AND TO PROTECT MEN ATTEMPTING TO STOP LEAK.
Unusual Fire/Explosion Hazard:WATER SPRAY MAY BE USED TO FLUSH SPILLS
AWAY FROM EXPOSURES AND TO DILUTE SPILLS TO NONFLAMMABLE MIXTURES.

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

Spill Release Procedures:CONTAIN SPILL. TRANSFER TO SECURE CONTAINERS.
WHERE NECESSARY, COLLECT USING ABSORBE
NT MEDIA. IN THE EVENT OF AN
UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF
THE RELEASE IS REPO RTABLE UNDER APPLICABLE LAWS AND REGULATIONS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:ISOLATE FROM OXIDIZERS,CHEMICALS
CAPABLE OF SPONTANEOUS HEATING,MATERIALS REACTING WITH AIR,MOISTURE
TO LIBERATE HEAT,IGNITION SOURCES AND EXPLOSIVES.

Other Precaution

s:PROTECT CONTAINERS FROM PHYSICAL DAMAGE. DETACHED OR
OUTSIDE STORAGE PREFERRED. ELIMINATE ALL IGNITION SOURCES. SMOKING
SHOULD BE PROHIBITED IN STORAGE AREA. AUTOMATIC SPRINKLER SYSTEM
SHOULD BE PROVI DED.

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

Respiratory Protection:WHERE EXPOSURE IS LIKELY TO EXCEED ACCEPTABLE
CRITERIA USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT.

Ventilation:HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.

Protective

Gloves:WEAR IMPERVIOUS GLOVES .

Eye Protection:SAFETY GLASSES OR GOGGLES WHEN NEEDED.

Other Protective Equipment:WEAR IMPERVIOUS PROTECTIVE CLOTHING WHERE
THERE IS A POTENTIAL FOR SKIN CONTACT.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

KEY 1: F2. THIS ENTRY DESCRIBES PART A OF A 3 PART KIT. SEE PN IND B
AND C, THIS NSN, FOR PART B AND C DATA. CONTAINERS ARE HAZARDOUS

WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN RESIDUAL PRODUCT (VAPOR OR LIQUID), ALL PRECAUTIONS DESCRIBED IN THIS MSDS MUST BE OBSERVED.

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

HCC:F2
Boiling Pt:=78.3C, 173.F
Melt/Freeze Pt:=-97.2C, -143.F
Vapor Pres:44.6 MM HG
Vapor Density:1.59
Spec Gravity:0.814
Solubility in Water:69 ML/100 ML
Appearance and Odor:CLEAR AND COLORLESS LIQUID.

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

Stability Indicator/Materials to Avoid:YES
CONTACT WITH ACETYL CHLORIDE AND A WIDE RANGE OF OXIDIZING AGENTS MAY REACT VIOLENTLY.
Stability Condition to Avoid:KEEP AWAY FROM HIGH TEMPERATURES, FLAMES, AND OTHER SOURCES OF IGNITION.
Hazardous Decomposition Products:CARBON MONOXIDE CAN FORM ON INCOMPLETE COMBUSTION.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES.

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