

W M BARR & INC

-- KLEAN-STRIP LACQUER THINNER, GML170

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MSDS Safety Information
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FSC: 8010

MSDS Date: 10/25/1994

MSDS Num: CDNFM

LIIN: 00N074790

Product ID: KLEAN-STRIP LACQUER THINNER, GML170

MFN: 01

Responsible Party

Cage: I0117

Name: W M BARR & CO INC

Address: 2105 CHANNEL AVE

City: MEMPHIS TN 38113

Info Phone Number: 901-775-0100

Emergency Phone Number: 901-775-0100

Published: Y

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Contractor Summary
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Cage: I0117

Name: W M BARR & CO INC

Address: 2105 CHANNEL AVE

City: MEMPHIS TN 38113

Phone: 901-775-0100

Cage: 91522

Name: W.M. BARR & COMPANY/KLEAN-STRIP, DIVISION OF

Address: 2105 CHANNEL AVENUE

Box: 1879

City: MEMPHIS TN 38101

Phone: 901-775-0100

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Ingredients
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Cas: 78-93-3

RTECS #: EL6475000

Name: 2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313) (CERCLA)

% Wt: 20-25

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM; 300 STEL

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Name: ALIPHATIC PETROLEUM DISTILLATE (CONSISTING OF INGS 3 - 6)

% Wt: 10-15

OSHA PEL: 400 PPM (MFR)

ACGIH TLV: N/K (FP N)

Cas: 64742-89-8

Name: VM & P NAPHTHA; (ALIPHATIC PETROLEUM DISTILLATE)

% Wt: 50-55

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Cas: 142-82-5

RTECS #: MI7700000

Name: HEPTANE; (N-HEPTANE)

% Wt: 20-25

OSHA PEL: 500 PPM

ACGIH TLV: 400 PPM; 500 STEL

Cas: 108-87-2

RTECS #: GV6125000

Name: CYCLOHEXANE, METHYL-; (METHYLCYCLOHEXANE)

% Wt: 10-15

OSHA PEL: 500 PPM

ACGIH TLV: 400 PPM

Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (SARA 313) (CERCLA)

% Wt: 5-10

OSHA PEL: 200 PPM

ACGIH TLV: 50 PPM, S

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 67-56-1

RTECS #: PC1400000

Name: METHANOL; (METHYL ALCOHOL) (SARA 313) (CERCLA)

% Wt: 10-15

OSHA PEL: 200 PPM, S

ACGIH TLV: 200 PPM; 250 STEL, S

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 108-65-6

RTECS #: AI8925000

Name: ACETIC ACID, 2-METHOXY-1-METHYLETHYL ESTER; (PROPYLENE GLYCOL MONOMETHYL
ETHER ACETATE)

% Wt: 10-15

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313) (CERCLA)
% Wt: 10-15
OSHA PEL: 200 PPM
ACGIH TLV: 50 PPM, S
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE (SARA 313) (CERCLA) (CONSISTING OF 80-85% XYLENE ALONG W/ING 11)
% Wt: 5-10
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM, 150 STEL
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 100-41-4
RTECS #: DA0700000
Name: BENZENE, ETHYL-; (ETHYL BENZENE) (SARA 313)
% Wt: 15-20
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM, 125 STEL
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 141-78-6
RTECS #: AH5425000
Name: ACETIC ACID, ETHYL ESTER; (ETHYL ACETATE) (CERCLA)
% Wt: 1-5
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA 313) (CERCLA)
% Wt: 10-15
OSHA PEL: 1000 PPM
ACGIH TLV: 750 PPM, 1000 STEL
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 110-82-7

RTECS #: GU6300000
Name: CYCLOHEXANE (SARA 313) (CERCLA)
% Wt: 1
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

RTECS #: 9999999V0
Name: VOLATILE ORGANIC COMPOUNDS: 784 G/L - MAX; (EXCLUDING EXEMPT SOLVENTS
& WATER).

Name: SUPDAT:INGEST. ETHANOL COMPETES FOR SAME METABOLIC PATHWAY & HAS BEEN
USED AS ANTIDOTE. METHANOL IS EFTIVELY

Name: ING 16:REMOVED BY HEMODIALYSIS. FORMULA IS REGISTERED W/POISINDEX. CALL
YOUR LOC POIS CTL CTR FOR FURTHER INFO.

Name: EFTS OF OVEREXP:MADE NON-POIS. MAY BE FATAL/CAUSE BLINDNESS; BURNING
SENSATION IN MOUTH, THROAT & STOM; LOSS OF

Name: ING 18:COORD; NARCOS; STUPOR; GI IRRIT; LIVER, KIDNEY & HEART DMG;
& INHAL SYMPS. CHRONIC:RPTS HAVE ASSOC RPTD &

Name: ING 20:PRLNG OVEREXP TO SOLVS W/NEUROLOGICAL & OTHER PHYSIOLOGICAL
DMG. PRLNG/RPTD CONT MAY CAUSE DERM/RSLT IN

Name: ING 20:ABSORP OF HARMFUL AMT OF MATL. MAY CAUSE CONJ; GASTRIC DISTURBS;
INSOM; HEART PALPITATIONS; SKIN IRRIT;

Name: ING 21:NUMB IN HANDS & FEET; PERM CNS CHANGES; SOME MEMORY LOSS;
PANCREATIC DMG; VISUAL IMPAIRMENT/BLINDNESS;

Name: ING 22:KIDNEY/LIVER DMG & ACUTE INHAL SYMPS. CAL PROP 65:TOLUENE IS
KNOWN TO CAUSE BIRTH DEFECT/OTHER REPRO

Name: ING 23:HARM NOTE:TOLUENE APPEARS ON NAVY LIST OF OCCUP CHEM REPRO HAZS.
SEEK CONSULTATION FROM APPROP HLTH

Name: ING 24:PROFESSIONALS CONCERNING LATEST HAZ LIST INFO & SAFE HANDLING
& EXPOSURE INFO (FP N).

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Health Hazards Data

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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry Inds - Inhalation: YES
Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: INHAL: VAP HARMFUL. MAY CAUSE DIZZ; HDCH; EYE WATERING; RESP TRACT IRRIT; WEAK; DROW; NAUS; NUMB IN FINGERS, ARMS & LEGS; CNS DEPRESS; LOSS OF APPETITE; FATG; HALLUCINATIONS; LT HEAD; VISUAL DISTURBS; GIDD & INTOX; SLEEPINESS; COUGH & DYSPNEA; COLD, CLAMMY EXTREMS; DIARR; VOMIT; DILATED PUPILS; & (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptoms Of Overexposure: HLTH HAZ: SPOTTED VISION. SEV OVEREXP MAY CAUSE CONVLS, UNCON, COMA & DEATH. INTENT MISUSE OF PROD BY DELIB CONC & INHAL CAN BE HARMFUL/FATAL. SKIN CONT: MAY BE ABSORBED. MAY CAUSE IRRIT; DRYING; DERM & INCR SEV OF INHAL SYMPS. EYE CONT: MAY CAUSE IRRIT, BURNS, CONJ & CORNEAL ULCERATIONS. INGEST: POIS. CANNOT BE

Medical Cond Aggravated By Exposure: DISEASES OF THE SKIN, EYES, LIVER, KIDNEYS, CENTRAL NERVOUS SYSTEM AND RESPIRATORY SYSTEM

First Aid: INHAL: MOVE TO FRESH AIR. ADMIN OXYG/ARTF RESP. CALL MD. SKIN: WASH W/SOAP & LG QTYS OF WATER & SEE MD. EYES: FLUSH W/LG QTYS OF WATER FOR AT LST 15 MINS & SEE MD IMMED. INGEST: CALL MD IMMED (FP N). NOTE TO MD: POIS. METHANOL IS METABOLIZED TO FORMALDEHYDE & FORMIC ACID. METABOLITES MAY CAUSE METABOLIC ACIDOSIS, VISUAL DISTURBS & BLINDNESS. SINCE METABOLISM IS REQD FOR TOX SYMPS, THEIR ONSET (SUPDAT)

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Handling and Disposal

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Spill Release Procedures: SM SPILLS: TAKE UP LIQ W/SAND, EARTH/OTHER NONCOMBUST ABSORB MATL & PLACE IN PLASTIC CNTNR WHERE APPLIC. LG SPILLS: DIKE FAR AHEAD OF SPILL FOR LATER DISP. KEEP UNNEC PEOPLE AWAY; ISOLATE AREA & DENY EN TRY. FOR MORE SPECIFIC INFO, CONTACT NEHC (FP N).

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE I/A/W APPLICABLE LOCAL, STATE & FEDERAL REGULATIONS. DISPOSE OF EMPTY CONTAINER ACCORDING TO ALL REGULATIONS. DO NOT REUSE THIS CONTAINER.

Handling And Storage Precautions: KEEP CNTNR TIGHTLY CLSD WHEN NOT IN USE. STORE IN COOL, DRY PLACE. DO NOT STORE NEAR FLAMES/AT ELEVATED TEMPS. DO NOT EAT, DRINK/SMOKE IN WORK AREA.

Other Precautions: READ CAREFULLY ALL CAUTS & DIRECTIONS ON PROD LBL BEFORE USE. SINCE EMPTY CNTNR RETAINS RESIDUE, FOLLOW ALL LBL WARNINGS EVEN AFTER CNTNR IS EMPTY. GLOVES CONTAM W/PROD SHOULD BE DISCARDED. DISCARD AN Y CLTHG/OTHER PROT EQUIP THAT (SUPDAT)

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Fire and Explosion Hazard Information

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Flash Point Method: TOC

Flash Point Text: 4F, -16C

Lower Limits: 1%

Extinguishing Media: USE CARBON DIOXIDE, DRY POWDER OR FOAM

Fire Fighting Procedures: USE NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N).

STOR CNTNRS EXPOS TO FIRE SHOULD BE KEPT COOL W/WATER SPRAY TO PVNT PRESS BUILD-UP. STAY AWAY FROM HEADS(SUPDAT)

Unusual Fire/Explosion Hazard: KEEP AWAY FROM HEAT, SPKS, FLAME & ALL OTHER SOURCES OF IGNIT. VAPS MAY CAUSE FLASH FIRE/IGNITE EXPLO. DO NOT SMOKE. FOR MORE INFO, CONTACT NEHC (FP N).

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Control Measures
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Respiratory Protection: FOR OSHA CONTROLLED WORK PLACE & OTHER REGULAR USERS-USE ONLY W/ADEQ VENT UNDER ENGINEERED AIR CONTROL SYS DESIGNED TO PVNT EXCEEDING APPROP TLV. FOR OCCAS USE, WHERE ENGINEERED AIR CONTROL IS NOT FEASIBLE, USE PROPERLY MAINTAINED &(SUPDAT)

Ventilation: OPEN ALL WINDOWS & DOORS. USE ONLY W/CROSS VENT OF MOVING FRESH ACROSS WORK AREA. IF VENT IS INADEQ, LEAVE AREA IMMED.

Protective Gloves: IMPERMEABLE GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGS & (FP N).

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N). IMPERMEABLE APRONS, TO MINIMIZE EXPOSURE.

Work Hygienic Practices: WASH HANDS THORO AFTER USE. PROMPTLY REMOVE & CLEAN ANY CLTHG/EQUIP THAT BECOMES CONTAM. CONT LENSES SHOULD NOT BE WORN.

Supplemental Safety and Health: FIRE FIGHT PROC: OF CNTNRS THAT HAVE BEEN EXPOS TO INTENSE HEAT/FLAME. OTHER PREC: CANNOT BE DECONTAM, SUCH AS SHOES. RESP PROT: FITTED NIOSH APPRVD RESP FOR ORG SOLV VAPS. NIOSH APPRVD DUST MASK DOES NO T PROVIDE PROT AGAINST VAPS. FIRST AID PROC: MAY BE DELAYED FROM 6-30 HRS AFTER

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Physical/Chemical Properties
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B. P. Text: >133F, >56C

Vapor Pres: 82 @ 20C

Vapor Density: HVR/AIR

Spec Gravity: 0.78 (FP N)

Evaporation Rate & Reference: SLOWER THAN ETHER

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume: 100-WT

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: INCOMPATIBLE W/STRONG OXIDIZING AGENTS, STRONG CAUSTICS, HYDROGEN PEROXIDE & NITRATES.

Hazardous Decomposition Products: DECOMP MAY PRODUCE CARBON MONOXIDE; CARBON DIOXIDE; FORMALDEHYDE & UNIDENTIFIED ORGANIC COMPOUNDS IN BLACK SMOKE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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=====
HAZCOM Label
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Product ID: KLEAN-STRIP LACQUER THINNER, GML170

Cage: I0117

Assigned IND: Y

Company Name: W M BARR & CO INC

Street: 2105 CHANNEL AVE

City: MEMPHIS TN

Zipcode: 38113

Health Emergency Phone: 901-775-0100

Label Required IND: Y

Date Of Label Review: 04/14/1997

Status Code: C

Label Date: 04/14/1997

Origination Code: G

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: EXTREMELY FLAMMABLE. ACUTE: INHAL: VAPOR HARMFUL. MAY CAUSE DIZZINESS, HEADACHE, EYE WATERING, RESPIRATORY TRACT IRRIT, WEAKNESS, DROWSINESS, NAUSEA, NUMBNESS IN FINGERS, ARMS & LEGS; CNS DEPRESS, LOSS OF APPETITE, FATIGUE, HALLUCINATIONS, VISUAL DISTURBANCES, COUGHING & DYSPNEA, COLD, CLAMMY EXTREMS, DIARRHEA, VOMIT, DILATED PUPILS & SPOTTED VISION. SKIN: IRRIT, NUMBNESS OF FINGERS & ARMS, DERMATITI S. EYES: IRRIT,

BURNS, CORNEAL ULCERATIONS, CONJUNCTIVITIS. INGEST: POISONOUS, MAY BE FATAL/CAUSE BLINDNESS. CNS DEPRESS. CHRONIC: TOLUENE APPEARS ON THE NAVY OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS LIST (FP N). INGEST: BLINDNESS, KIDNEY/LIVER DAMAGE.

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