W M BARR & INC                 -- KLEAN-STRIP LACQUER THINNER, GML170

MSDS Safety Information

FSC: 8010
MSDS Date: 10/ 25/ 1994
MSDS Num: CDNFM
LIN: 00N074790
Product ID: KLEAN-STRIP LACQUER THINNER, GML170
MFN: 01
Responsible Party
Cage: IO117
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

Contractor Summary

Cage: IO117
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

Ingredients

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)
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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)
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Cas: 142-82-5
RTECS #: M 7700000
Name: HEPTANE; (N-HEPTANE)
% Wt: 20-25
OSHA PEL: 500 PPM
ACGIH TLV: 400 PPM 500 STEL
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Cas: 108-87-2
RTECS #: G 6125000
Name: CYCLOHEXANE, METHYL-; (METHYL-CYCLOHEXANE)
% Wt: 10-15
OSHA PEL: 500 PPM
ACGIH TLV: 400 PPM
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Cas: 108-88-3
RTECS #: X 5250000
Name: TOLUENE (SARA 313) (CERCLA)
% Wt: 5-10
OSHA PEL: 200 PPM
ACGIH TLV: 50 PPM S
EPA Rpt Qt'y: 1000 LBS
DOT Rpt Qt'y: 1000 LBS
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Cas: 67-56-1
RTECS #: P 1400000
Name: METHANOL; (METHYL ALCOHOL) (SARA 313) (CERCLA)
% Wt: 10-15
OSHA PEL: 200 PPM S
ACGIH TLV: 200 PPM 250 STEL, S
EPA Rpt Qt'y: 5000 LBS
DOT Rpt Qt'y: 5000 LBS
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Cas: 108-65-6
RTECS #: A 8925000
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 #: XS52500000
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 WITH 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 #: AL31500000
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 #: 9999999VO
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 ANTI DOTE. METHANOL IS EFTI VELY

Name: ING 16: REMOVED BY HEMODI ALYS S. FORMULA I S REGIST ERED W POI SI NDEX. CALL YOUR LOC POI S CTL CTR FOR FURTHER I NFO.

Name: EFTS OF OVEREXP: MADE NON-POIS. MAY BE FATAL/CAUSE BLI NDNESS; BURNI NG SENSATI ON I N MOUTH, THROAT & STOM LOSS OF

Name: ING 18: COORD; NARCOS; STUPOR; GI IRRIT; LI VER, KI DNEY & HEART DMG; & INHAL SYMPS. CHRONI C 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; GASTRI C DI STURBS; INSOM; HEART PALPITATIONS; SKIN IRRIT;

Name: ING 21: NUMB I N HANDS & FEET; PERM CNS CHANGES; SOME MEMORY LOSS; PANCREATIC DMG; VISUAL IMPAIRMENT/BLI NDNESS;

Name: ING 22: KIDNEY/LIVER DMG & ACUTE INHAL SYMPS. CAL PROP 65: TOLUENE I S 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 LI ST I NFO & SAFE HANDLING & EXPOSURE I NFO (FP N).

Health Hazards Data

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 WATERY NG; RESP TRACT IRRIT; WEAK; DROW NAUS; NUMB IN FINGERS, ARMS & LEGS; CNS DEPRESS; LOSS OF APPETITE; FATIG; HALLUCI NATIONS; LT HEAD; VI SUAL DI STURBS; GI DD & INTOX; SLEEPI NESS; COUGH &DYSPNEA; COLD, CLAMMY EXTREMS; DI ARR; VOM T; DI LAT ED PUPI LS; & (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. I NTENT M USE OF PROD BY DELI B CONC & INHAL CAN BE HARMFUL/FATAL. SKIN CONT: MAY BE ABSORBED. MAY CAUSE IRRIT T; DRY NG; DERM & INCR SEV OF I NRHAL SYMPS. EYE CONT: MAY CAUSE IRRIT, BURNS, CONJ & CORNEAL ULCERATI ONS. INGEST: POI S. CANNOT BE  
Medical Cond Aggravated By Exposure: DISEASES OF THE SKIN, EYES, LIVER, KI DNEYS, CENTRAL NERVOUS SYSTEM AND RESPIRATORY SYSTEM  
First Aid: INHAL: MOVE TO FRESH AIR. ADMN 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 IMMEDIATE. INGEST: CALL MD IMMEDIATELY (FP N). NOTE TO MD: POIS. METHANOL IS METABOLIZED TOFORMALDEHYDE & FORMIC ACID. METABOLITES MAY CAUSE METABOLIC ACIDOSIS, VISUAL DISTURBS & BLINDNESS. SINCE METABOLISM IS REQD FOR TOX SYMPS, THEIR ONSET (SUPDAT)  

Handling and Disposal  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Methods: DISPOSE I/A/W APPLI缆 CABLE LOCAL, STATE & FEDERAL REGULATI ONS. DISPOSE OF EMPTY CONTAIN ASS ACCORDING TO ALL REGULATIONS. DO NOT REUSE THIS CONTAIN ASS.  
Handling And Storage Precautions: KEEP CNTNR TI GHTLY CLSD WHEN NOT IN USE. STORE IN COOL, DRY PLACE. DO NOT STORE NEAR FLAMES/AT ELEVATED TEMPS. DO NOT EAT, DRI NK/SMOKE IN WORK AREA.  
Other Precautions: READ CAREFULLY ALL CAUTS & DIRECTIONS ON PROD LBL BEFORE USE. SI NCE EMPTY CNTNR RETA IN RESI DUE, FOLLOW ALL LBL WARN NG NS EVEN AFTER CNTNR IS EMPTY. GLOVES CONTAM W PROD SHOULD BE DI SCARDED. DI SCARD AN Y CLTH/OTHER PROT EQUIP THAT (SUPDAT)  

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

Control Measures
Respiratory Protection: FOR OSHA CONTROLLED WORK PLACE & OTHER REGULAR
USERS-USE ONLY W/ADEQ VENT UNDER ENGI NEERED AIR CONTROL SYS DESIGNED TO PVNT
EXCEEDING APPROP TLV. FOR OCCAS USE, WHERE ENGI NEERED AIR CONTROL IS NOT FEA
SI BLE, USE PROPERLY MAINTNED & (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
CREASE 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 FI GHT 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 PROVI DE PROT AGAI NST VAPS. FIRST AID PROC: MAY BE DELAYED FROM 6-30 HRS
AFTER

Physical/Chemical Properties
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

Reactivity Data
Stability Indicator: YES
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: INCOMPATIBLE W/STRONG OXIDIZING AGENTS, STRONG CAUSTICCS,
HYDROGEN PEROXIDE & NITRATES.
Hazardous Decomposition Products: DECOMP MAY PRODUCE CARBON MONOXIDE; CARBON
DI OXIDE; FORMALDEHYDE & UNIDENTIFIED ORGANIC COMPOUNDS IN BLACK SMOKE.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

HAZCOM Label

Product ID: KLEAN-STRIP LACQUER THINNER, GML170
Cage: IO117
Assigned IND: Y
Company Name: W M BARR & CO INC
Street: 2105 CHANNEL AVE
City: MEMPHIS TN
Zip code: 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, DROWNING, NAUSEA, NUMBNESS IN FINGERS, ARMS & LEGS; CNS DEPRESS, LOSS OF APPETITE, FATIGUE, HALLUCINATIONS, VISUAL DISTURBANCES, COUGHING & DYSPNEA, COLD, CLAMMY EXTREMS, DIARRHEA, VOMIT, DI AtED PUPILS & SPOTTED VI SION. SKIN IRRIT, NUMBNESS OF FINGERS & ARMS, DERMATITIS. 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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