

LORD CORP CHEMICAL PRODUCTS GR -- CHEMLOK 205

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MSDS Safety Information
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FSC: 8040
NIIN: 00-142-8836
MSDS Date: 02/07/1997
MSDS Num: CHVSJ
Product ID: CHEMLOK 205
MFN: 05
Responsible Party
Cage: 30676
Name: LORD CORP CHEMICAL PRODUCTS GROUP
Address: 2000 W GRANDVIEW BLVD
Box: 10038
City: ER
IE PA 16514-0036
Info Phone Number: 814-868-3611
Emergency Phone Number: 814-763-2345
Published: Y

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Contractor Summary
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Cage: 30676
Name: LORD CORPORATION, CHEMICAL PRODUCTS DIVISION
Address: 2000 WEST GRANDVIEW BLVD
City: ERIE PA 16514-0038
Phone: 814-868-3611
Cage: RDABB
Name: R.D. ABBOTT COMPANY,INC (562-944-5354)
Address: UNKNOWN
Box: UNKNOWN
City: UNKNOWN NK 00000
Phone: UNKNOWN

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Item Description Information
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Item Manager: GSA
Item Name: ADHESIVE
Specification Number: UNKNOWN
Unit of Issue: GL
UI Container Qty: 0
Type of Container: CAN

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Ingredients
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Cas: 1333-86-4
RTECS #: FF5800000
Name: CARBON BLACK
% Wt: 1.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL:

3.5 MG/M3
ACGIH TLV: 3.5 MG/M3; 9596

Cas: 100-41-4
RTECS #: DA0700000
Name: ETHYL BENZENE (SARA 313)
% Wt: 3.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/125STEL;9596
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 50-00-0
RTECS #: LP8925000
Name: FORMALDEHYDE (SARA 302/313) (CERCLA)
% Wt: 1.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: SEE 1910.1048
ACGIH TLV: C 0.3 PPM, A2; 9596
EPA Rpt Qty: 100 LBS
D
OT Rpt Qty: 100 LBS

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
% Wt: 2.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM/300STEL;9596
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)
% Wt: 60
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM/75 STEL; 9

596
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)
% Wt: 15
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150STEL;9596
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

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Health Hazards Data
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LD50 LC50 Mixture: PRODUCT LD50 (ORAL):NO DATA.

Route Of Entry

Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: MAY CAUSE SKIN/EYE IRRIT.MAY CAUSE RESPIRATORY TRACT IRRIT.VAPOR HARMFUL;MAY AFFECT BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS,HEADACHE,OR NAUSEA.

Explanation Of Carcinogenicity: PER MSDS:FORMALDEHYDE GAS ENTRAP IN PROD-RELEASE DURING HEAT/MIX.IARC DESIGNATE CARBON BLACK GROUP 2B CARC.

Signs And Symptions Of Overexposure: EYE:MAY CAUSE IRRIT.SKIN:MAY CAUSE IRRIT.MAY CAUS

E DERM.INHAL:POSSIBLE IRRIT OF RESP SYS CAN OCCUR CAUSING VARIETY OF SYMPT LIKE DRYNESS OF THROAT,TIGHTNESS OF CHEST,SHORTNESS OF BREATH.MAY CAUSE CNS DEPRESS-HEAD,DIZZ,STAG GAIT,CONF,UNCONSC,COMA.RESP SENS.INGEST:HARMFUL.NOT EXPECT ENTRY ROUTE IN INDUST/COMMER USE.(SUP)

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYE:FLUSH IMMED W/LOTS OF H2O @LEAST 15MINS HOLD EYELIDS OPN.GET IMMED MED ATTN.SKIN:FLUSH W/LOTS OF H2O WHILE REMOVE CONTAM CLOTH.WASH W/

SOAP/H2O.SYMPT OCCUR GET MED ATTN.INHAL:MOVE TO FRESH AIR.REST ORE/SUPPORT CONT BREATH.DIFFI BREATH GIVE OXY.GET IMMED MED ATTN.INGEST:DONT INDUCE VOMIT.GIVE 1-2GLASSES OF H2O/MILK.CALL DR/POIS CNTRL CNTR IMMED FOR INSTRUCT.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC

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Handling and Disposal
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Spill Release Procedures: KEEP NONESSENT PERS SAFE DISTANCE AWAY.REMOVE ALL IGN SOURCES.AVOID

BREATH VAP.USE SELF-CONTAIN BREATH EQPMT.NOTIFY APPROP
AUTHORITIES IF NECESSARY.CONTAIN/REMOVE W/INERT ABSORBENT MATL/NONSPARK TOOL.
AVOID CONTACT.BEF CLEANUP REFER TO CAUTINFO MSDS
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods: DISPO SHOULD BE DONE IAW FED(49CFR PART 261),STATE,LOC
ENVIRO CNTRL REGS.WASTE DETERMINED TO BE HAZ USE LIC HAZ WASTE TRANSP/DISPO
FACIL.CONTAINS SARA SEC 313 CHEMS SUBJ TO REPORT REQMTS.

Handling And Storage Precautions: KEEP CLOSURE
TIGHT,CNTNR UPRIGHT-PREVENT
LEAK.GROUND/BOND CNTNR WHEN TRANSF.DONT HNDL TIL PRECAUT HAVE BEEN
READ/UNDERSTOOD.EMPTY CNTRN SHOULDNT REUSE
Other Precautions: USE W/ADEQU VENTI.BECAUSE EMPTY CNTNR MAY RETAIN PROD
RESIDUE/FLAMM VAP KEEP AWAY FRM HEAT/SPARK/ETC.DONT CUT/PUNCTURE/WELD ON/NEAR
EMPTY CNTNR.DONT STORE/USE NEAR HEAT/ETC.REFER:29CFR1910.106.KEEP CN TRN CLSD
WHEN NOT IN USE.

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Fire and Explosion Hazard Information
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Flash Point Method: SCC
Flash Point Text: 66.0F,18.9C
Lower Limits: 1.0
Upper Limits: 11.4
Extinguishing Media: OSHA FLAMM CLASSIFICATION:FLAMM LIQ,CLASS IB. CO2,DRY
CHEMICAL,FOAM,WATER FOG.
Fire Fighting Procedures: WEAR FULL FIREFIGHT PROT CLOTH INCLUDE SCBA.H2OSPRAY
MAY BE INEFFECTIVE.H2O USED FOG NOZZ PREFER.DURING FIRE IRRIT &/OR TOXIC
GAS/PARTI GENERATED BY DECOMP/COMB
Unusual Fire/Explosion Hazard: FLAMM LIQ/VAP.KEEP CNTNR TIGHTLY CLS
D.ISOLATE
FRM HEAT/ELECT EQPMT/SPARK/OPN FLAME/IGN SOURCES.CLSD CNTNR MAY RUPTURE WHEN
EXPO TO EXT HEAT.COOL CNTNR W/H2OSPRA

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Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROV CHEM/CME FILT RESP TO REMOVE
COMGBINATION OF PARTI/ORG VAP IF OCCUPAT LIMITS EXCEEDED.EMERG/CONF
SPACE/CONDITIONS EXPO LIMITS GREATLY EXCEEDED USE APPROV AIR-SUPP
RESP.OBSERVER 2 9CFR1910.1
34 REGS FOR RESP USE.
Ventilation: PROVIDE SUFF VENTI IN PATRN/VOL-MAINTAIN AIR CONTAM LEVEL BEL EXPO
LIMITS.SOLVT VAP HEAVIER THAN AIR,COLLECT.EXPLO-PROOF
Protective Gloves: NEOPRENE,NITRILE,RUBBER GLOVES
Eye Protection: SAF EYEWEAR-SAF GLASS W/SSHIELD,CHEM GOG
Other Protective Equipment: USE DISPO/IMPERV CLOTH IF WORK CLOTH CONTAM
LIKELY.REMOVE/WASH CONTAM CLOTH BEF REUSE.
Work Hygienic Practices: AVOID SKIN/EYE CONTACT.WASH WELL AFT HNDLG.AVOID
BREATH VAP/SPRAYMIST.DONT SMOKE/EAT/DRINK

WHERE MATL USED/STORED.

Supplemental Safety and Health: OVEREXPO:CHRONIC:MAY CAUSE LIV/KID DMG.REP/PROL
SOLVT OVEREXPO MAY RESULT IN PERM CNS DMG.MAY AFFECT GI SYST.MAY AFFECT
BLOOD,BLOOD-FORMING ORGANS.FORMALDEHYDE(GAS) ENTRAP IN PROD MAY BE RELEASED
DURI NG HEAT/MIX-POT HUMAN CARC.CHRONIC SKINCONTACT-DERM.

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Physical/Chemical Properties
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HCC: F2
Boiling Point: =79.4C, 175.F
M.P/F
.P Text: ND
Vapor Pres: ND
Vapor Density: >AIR
Spec Gravity: 0.94
VOC Pounds/Gallon: 5.91
PH: NA
VOC Grams/Liter: 708
Evaporation Rate & Reference: SLOWER THAN ETHER
Solubility in Water: INSOLUBLE
Appearance and Odor: GRAY LIQUID, SOLVENT ODOR
Percent Volatiles by Volume: 86.9

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HIGH TEMPERATURES, SOURCES OF I
GNITION.
Materials To Avoid: STRONG OXIDIZERS, ACIDS, BASES, WATER.
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, CHLORINE,
HYDROGEN CHLORIDE.PHOSGENE.FORMALDEHYDE.
Hazardous Polymerization Indicator: NO

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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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Transportation Information
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Responsible Party Cage: 30676

Trans ID NO: 50126

Product ID: CHEMLOK 205

MSDS Prepared Date: 02/07/1997

Review Date: 09/18/1998

MFN: 5

Net Unit Weight: 7.8 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: GL

Container QTY: 0

Type Of Container: CAN

Additional Data: PER MSDS:DOT PROPER SHIPPING NAME:ADHESIVE,3,UN 1133,PKG II.

Detail DOT Information

DOT PSN Code: AFR

DOT Proper Shipping Name: ADHESIVES,

DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID

Hazard Class: 3

UN ID Num: UN1133

DOT Packaging Group: II

Label: FLAMMABLE LIQUID

Special Provision: B52,T,T30

Packaging Exception: 150

Non Bulk Pack: 173

Bulk Pack: 242

Max Qty Pass: 5 L

Max Qty Cargo: 60 L

Vessel Stow Req: B

Detail IMO Information

IMO PSN Code: AI

F

IMO Proper Shipping Name: ADHESIVES,

IMO PSN Modifier: CONTAINING A FLAMMABLE LIQUID o

IMDG Page Number: 3102

UN Number: 1133

UN Hazard Class: 3.1

IMO Packaging Group: I/II*

Subsidiary Risk Label: -

EMS Number: 3-05

MED First Aid Guide NUM: 330

Detail IATA Information

IATA PSN Code: AKY

IATA UN ID Num: 1133

IATA Proper Shipping Name: ADHESIVES

IATA PSN Modifier: ,CONTAINING FLAMMABL

E LIQUID
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 307
Exceptions: A7

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Detail AFI Information
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AFI PSN Code: AKY
AFI Proper Shipping Name: ADHESIVES
AFI PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
AFI Hazard Class: 3
AFI UN ID NUM: UN1133
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: CHEMLOK 205
Cage: 30676
Company Name: LORD CORPORATION, CHEMICAL PRODUCTS DIVISION
Street: 2000 WEST GRANDVIEW BLVD
City: ERIE PA
Zipcode: 16514-0038
Health Emergency Phone: 814-763-2345
Label Required IND: Y
Date Of Label Review: 09/18/1998
Status Code: C
Label Date: 09/18/1998
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None
Hazard And Precautions: SKIN/EYE/RESP TRACT IRRIT.VAP HARMFUL;MAY AFFECT
BRAIN/CNS CAUSE DIZZ,HEAD,NAU.GROUND/BOND CNTNR WHEN TRANSF.DONT HNDL TIL
PRECAUT HAVE BEEN READ/UNDERSTOOD.EMPTY CNTRN SHOULDNT
REUSE.1ST AID:EYE:FLUSH
IMMED W/LOTS OF H2O @LEAST 15MINS HOLDEYELIDS OPN.GET IMMED MED
ATTN.SKIN:FLUS

H W/LOTS OF H2O WHILE REMOVE CONTAM CLOTH.WASH W/SOAP/H2O.SYMPT
OCCUR GET MED ATTN.INHAL:MOVE TO FRESH AIR.RESTORE/SUPPOR T CONT BREATH.DIFFI
BREATH GIVE OXY.GET IMMED MED ATTN.INGEST:DONT INDUCE VOMIT.GIVE 1-2GLASSES
OF H2O/MILK.CALL DR/POIS CNTRL CNTR IMMED FOR INSTRUCT.NEVER GIVE ANYTHING BY
MOUTH IF UNCONSC.TARORG:EY E/SKIN/RESP TRACT/CNS/BRAIN.

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