

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: 12/17/1993
MSDS Num: BVFJY
Product ID: CHEMLOK 205
MFN: 03
Responsible Party
Cage: 30676
Name: LORD CORP CHEMICAL PRODUCTS GROUP
Address: 2000 W GRANDVIEW BLVD
City: ERIE PA 16514

Info Phone Number: 814-868-3611
Emergency Phone Number: 814-763-2345
Preparer's Name: UNKNOWN
Review Ind: Y
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

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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: 50-00-0
RTECS #: LP8925000
Name: FORMALDEHYDE (SARA III)
% Wt: 1.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: SEE 1910.1048
ACGIH TLV: C 0.3 PPM; A2; 9394
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

Cas: 100-41-4
RTECS #: DA0700000
Name: ETHYL BENZENE (SARA III)
% Wt: 3.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/125STEL;9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 13463-67-7
RTECS #: XR2275000
Name: TITANIUM DIOXIDE
% Wt: 5.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9394

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE
S (O-,M-,P- ISOMERS) (SARA III)
% Wt: 15
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150STEL;9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE (SARA III)
% Wt: 60
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM/75 STEL; 9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETO

NE (2-BUTANONE) (MEK) (SARA III)

% Wt: 2.0

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM/300STEL 9394

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL, RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: TARGET ORGA

NS:EYES, SKIN, CNS, LUNGS. ACUTE- EYE:MAY CAUSE

IRRITATION. SKIN:MAY CAUSE SENSITIZATION, IRRITATION, DERMATITIS. INHALE:MAY CAUSE RESPIRATORY TRACT IRRITATION, CNS DEPRESSION, DIZZINESS, COMA.

ORAL:NOT LIKELY. HARMFUL IF SWALLOWED. IF ASPIRATED, MAY DAMAGE LUNGS.

CHRONIC- LIVER & KIDNEY DAMAGE, DERMATITIS.

Explanation Of Carcinogenicity: CONTAINS F [50-00-0] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure: EYE, SKIN

, RESPIRATORY TRACT IRRITATION;

SKIN SENSITIZATION & DERMATITIS; DRYNESS OF THROAT, TIGHTNESS OF CHEST, SHORTNESS OF BREATH, HEADACHE, DIZZINESS, CONFUSION, UNCONSCIOUSNESS/COMA, RESPIRATORY SENSITIZATION

Medical Cond Aggravated By Exposure: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH SOAP &

WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.

INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 1-2 GLASSES OF WATER/MILK. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

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Handling and Disposal
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Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE

TE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE
ABSORBENT SUCH AS SAND/NON-SPARKING TOOLS. PLACE IN CONTAINER FOR DISPOSAL.
PREVENT LIQUID FROM ENTERING SEWERS/WATERWAYS.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. USE LICENSED
HAZARDOUS WASTE TRANSPORTER AND DISPOSAL FACILITY.

Handling And Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED AREA AWAY
FROM SPARKS & INCOMPATIBLES. BOND AND GROUND CONTAINERS WHEN
TRANSFERRING
LIQUID.

Other Precautions: "EMPTY" CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS.
DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH
CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE INJURY/DEATH.
KEEP OUT OF REACH OF CHILDREN.

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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: DRY CHEMICAL, WATER FOG, FOAM/CARBON DIOXIDE. WATER SHOULD
BE USED TO COOL FIRE-EXPOSED CONTAINERS & DECREASE VAPORS.

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE
POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE

DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY
RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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Control Measures
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Respiratory Protection: IF ENGINEERING CONTROLS ARE INADEQUATE TO CONTROL VAPOR
CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED ORGANIC VAPOR
RESPIRATOR SHOULD BE WORN. FOR EMERGENCY SITUATIONS/CONFINED SPACE USE, WEAR
AN APPROVED AIR-SUPPLIED RESPIRATOR.

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: RUBBER, NEOPRENE OR NITRILE

Eye Protection: CHEMICAL GOGGLES IF SPLASHING MAY OCCUR

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

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE PRACTICES. LAUNDRY
CONTAMINATED CLOTHING BEFORE WEARING.

Supplemental Safety and Health: FORMU

LA CHANGED. FOR PREVIOUS FORMULATIONS, SEE
PNI A OR B, SAME NSN.

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Physical/Chemical Properties
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HCC: F2
NRC/State LIC No: NOT RELEVANT
B.P. Text: 175F - 282F
M.P/F.P Text: NOT KNOWN
Decomp Text: NOT KNOWN
Vapor Pres: UNKNOWN
Vapor Density: >1
Spec Gravity: 0.94
Solubility in Water: INSOLUBLE
Appearance and Odor: GRAY LIQUID WITH SOLVENT ODOR
Percent Volatiles by Volume: 86.5
Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HIGH TEMPERATURES, SPARKS, OPEN FLAMES, STATIC
ELECTRICITY
Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES, WATER
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, CHLORINE,
HYDROGEN CHLORIDE, PHOSGENE, FORMALDEHYDE
Hazardous Polymerization Indicator: N
O
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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Transportation Information
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Responsible Party Cage: 30676
Trans ID NO: 50124
Product ID: CHEMLOK 205
MSDS Prepared Date: 12/17/1993
Review Date: 09/28/1994

MFN: 3
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: CONTAINS METHYL ISOBUTYL KETONE AND XYLENE. DOT PROPER SHIPPING NAME PER MSDS. EMERGENCY RESPONSE GU IDE NUMBER: 26.

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Detail DOT Information
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DOT PSN Code: AFR
DOT Proper Shipping Name: ADHESIVES,
DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID
ID
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

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Detail IMO Information
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IMO PSN Code: AIH
IMO Proper Shipping Name: ADHESIVES,
IMO PSN Modifier: CONTAINING A FLAMMABLE LIQUID o
IMDG Page Number: 3174
UN Num

ber: 1133
UN Hazard Class: 3.2
IMO Packaging Group: I/II*
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 330

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Detail IATA Information
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IATA PSN Code: AKY
IATA UN ID Num: 1133
IATA Proper Shipping Name: ADHESIVES
IATA PSN Modifier: ,CONTAINING FLAMMABLE 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: 09/28/1994
Status Code: C
MFG Label NO: NOT RELEVANT
Label Date: 09/28/1994
Origination Code: F
Skin Protection IND: YES
Signal Word: DANGER
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reacti

ity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYES, SKIN, CNS, LUNGS. ACUTE- EYE:MAY CAUSE IRRITATION. SKIN:MAY CAUSE SENSITIZATION, IRRITATION. INHALE:MAY CAUSE RESPIRATORY IRRITATION, CNS DEPRESSION. ORAL:HARMFUL. CHRONIC- LIVER & KIDNEY DAMAGE, DERMATITIS. STORE IN COOL, VENTILATED AREA AWAY FROM SPARKS & INCOMPATIBLES. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND. FIRST AID- GET MEDICAL ATTENTION IF SYMPTOMS PERSI ST. SKIN:WASH WITH SOAP & WATER.

EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.

INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 1-2 GLASSES OF WATER/MILK. CALL A PHYSICIAN.

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