

L. CARLTON MERTZ CO./DBA L. CA -- MIL-C-10578

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MSDS Safety Information

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FSC: 6850

NIIN: 00-656-1292

MSDS Date: 10/07/1996

MSDS Num: CDYWH

Product ID: MIL-C-10578

MFN: 01

Responsible Party

Cage: 60797

Name: L. CARLTON MERTZ CO./DBA L. CARLTON MERTZ COMPANY

Address: 6147 W. 65TH STREET

City:

CHICAGO IL 60638

Info Phone Number: 708-594-1050

Emergency Phone Number: 800-424-9300(CHEMTREC)

Preparer's Name: UNKNOWN

Review Ind: Y

Published: Y

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Contractor Summary

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Cage: 60797

Name: VJ COMPOUNDING CORP (FORMALLY: L. CARLTON MERTZ CO.)

Address: 6147 W. 65TH STREET

City: CHICAGO IL 60638

Phone: 708-594-1050

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Item Description Info

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Item Manager: S9G

Item Name: CORROSION REMOVING COMPOUND

Specification Number: MIL-C-10578

Type/Grade/Class: TYPE II

Unit of Issue: DR

Quantitative Expression: 00000000005GL

UI Container Qty: 1

Type of Container: DRUM

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Ingredients

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Cas: 7664-38-2

RTECS #: TB6300000

Name: PHOSPHORIC ACID (SARA 313) (CERCLA)

% Wt: <55

Oth

er REC Limits: NONE RECOMMENDED

OSHA PEL: 1 MG/M3

ACGIH TLV: 1 MG/M3/3 STEL; 9596

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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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: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: **CORROSIVE** EYES:MAY CAUSE BURNS,IRREVERSIBLE EYE INJURY

OR BLINDESS.SKIN:MAY CAUSE DERMATITIS,BURNS AND TISSUE DESTRUCTION.INHAL:MAY CAUSE RESPIRATORY IRRITATION,BRONCHITIS AND PULMONARY EDEMA.INGE ST:MAY CAUSE GASTROINTESTINAL BURNS.

Explanation Of Carcinogenicity: THIS ITEM DOES NOT CONTAIN ANY INGREDIENT AT 0.1% OR GREATER WHICH IS A CARCINOGEN.

Signs And Symptoms Of Overexposure: INGEST:CHEST AND STOMACH PAIN,DIFFICULTY IN BREATHING,NAUSEA,VOMITING,BLOODY DIARRHEA,CONVULSION,COLLAPSE AND DEATH.INHAL:COUGHING,CHOKING,BURNING THROAT.

Medical Cond Aggravated By Exposure: MAY AGGRAVATE EXISTING SKIN AND/OR EYE CONDITIONS,ASTHMA/OTHER RESPIRATORY DISEASES.

First Aid: EYES:FLUSH WITH WATER UNTIL ALL TRACES ARE GONE.SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND WATER.SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.I NHAL:REMOVE FROM EXPOSURE.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NESCESSARY.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCI
OUS,GIVE
2 GLASSES WATER/MILK.

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Handling and Disposal

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Spill Release Procedures: ONLY ALLOW TRAIN PERSON TO CLEANUP SPILL.SMALL SPILLS:VENTILATE AREA.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.NEUTRALIZE SPILL,THEN FLUSH WITH WATER.NEUTRALIZATION RESULTS IN HEAT;USE CAUTION.P LACE WASTE IN A DOT-APPROVED CONTAINER.

Neutralizing Agent: SODA ASH, SODIUM BICARBONATE, LIME.

Wast

e Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.
Handling And Storage Precautions: STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.AVOID HEAT,SPARKS AND FLAMES.
Other Precautions: ALWAYS ADD ACID TO WATER,NOT THE REVERSE.

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Fire and Explosion Hazard Information
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Flash Point Text: NONE
Lower Limits: NA
Upper Limits:
NA
Extinguishing Media: EXTINGUISH FIRE USING AGENTS SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire/Explosion Hazard: THERMAL DECOMPOSITION PRODUCTS MAY BE TOXIC.CONTACT W/REACTIVE METALS MAY PRODUCE FLAMMABLE/EXPLOSIVE HYDROGEN-AIR MIXTURES.REACTS VIOLENTLY W/STRONG BASES.

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Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR W/FULL FACE PIECE WHEN HNDLG THIS PRODUCT.
Ventilation: USE LOCAL EXHAUST AT THE WORKSITE;GENERAL EXHAUST TO MAINTAIN TLV/PEL.
Protective Gloves: NATURAL RUBBER,NEOPRENE,NITRILE.
Eye Protection: CHEMICAL SPLASH GOGGLES.
Other Protective Equipment: APRON,COVERALLS.PROVIDE A LOCAL EYE WASH STATION AND QUICK DRENCH SHOWER.
Work Hygienic Practices: DISCARD CONTAMINATED CLOTHING.
WASH HANDS AFTER USING THIS PRODUCT.
Supplemental Safety and Health: NONE

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Physical/Chemical Properties
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HCC: C1
B.P. Text: 212F,100C
Decomp Text: UNKNOWN
Spec Gravity: 1.37
PH: <2(1%)
Evaporation Rate & Reference: UNKNOWN
Solubility in Water: COMPLETE.
Appearance and Odor: CLEAR, COLORLESS LIQUID, ACIDIC ODOR

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Reactivity D

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Stability Indicator: YES
Stability Condition To Avoid: PROTECT FROM MOISTURE.MAY SPATTER UPON CONTACT WITH WATER OR WATER CONTAINING CHEMICAL(WITH EVOLUTION OF HEAT).
Materials To Avoid: RXS VIOLENTLY W/BASES,LIBERATING HEAT & SPATTERING. CONTACT W/COMMON METALS PRODUCE FLAMM/POTENTIALLY EXPLO HYDROGEN GAS
Hazardous Decomposition Products: OXIDES OF PHOSPHORUS & ACID MIST AS WELL AS HYDROGEN GAS.
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: 60797
Trans ID NO: 80914
Product ID: MIL-C-10578
MSDS Prepared Date: 10/07/1996
Review Date: 12/05/1997
MFN: 1
Tech Entry NOS Shipping Nm: PHOSPHORIC ACID
Net Unit Weight: 57.1 LBS
AF MMAC Code: NR
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: DR
Container QTY: 1
Type Of Container: DRUM
Additional Data: CARGO AIRCRAFT ONLY.
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Detail DOT Information
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DOT PSN Code: DWD
Symbols: G
DOT Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Hazard Class: 8
UN ID Num: UN3264
DOT Packaging Group: II
Label: CORROSIVE
Special

I Provision: B2,T14
Packaging Exception: 154
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 1 L
Max Qty Cargo: 30 L
Vessel Stow Req: B
Water/Ship/Other Req: 40

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Detail IMO Information

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IMO PSN Code: ESE
IMO Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. o
IMDG Page Number: 8147-1
UN Number: 3264
UN Hazard Class: 8
IMO Packaging Group: I/II/III
Subsidiary Risk Label:
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EMS Number: 8-15
MED First Aid Guide NUM: 760

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Detail IATA Information

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IATA PSN Code: HLA
IATA UN ID Num: 3264
IATA Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. *
IATA UN Class: 8
IATA Label: CORROSIVE
UN Packing Group: II
Packing Note Passenger: 808
Max Quant Pass: 1L
Max Quant Cargo: 30L
Packaging Note Cargo: 812

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Detail AFI Information

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AFI PSN Code: HJZ
AFI Symbols: *
AFI Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
AFI Hazard Class: 8
AFI UN ID NUM: UN3264
AFI Packing Group: II
Special Provisions: P4
Back Pack Reference: A12.3

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HAZCOM Label

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Product ID: MIL-C-10578
Cage: 60797
Company Name: VJ COMPOUNDING CORP

(FORMALLY: L. CARLTON MERTZ CO.)
Street: 6147 W. 65TH STREET
City: CHICAGO IL
Zipcode: 60638
Health Emergency Phone: 800-424-9300(CHEMTREC)
Label Required IND: Y
Date Of Label Review: 12/15/1997
Status Code: C
MFG Label NO: UNKNOWN
Label Date: 12/15/1997
Year Procured: 1997
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Severe
Contact Hazard: Severe
Fire Hazard: None
Reactivity Hazard: None
Hazard And Preca

utions: **CORROSIVE** EYES:MAY CAUSE BURNS,IRREVERSIBLE EYE
INJURY OR BLINDESS.SKIN:MAY CAUSE DERMATITIS,BURNS AND TISSUE
DESTRUCTION.INHAL:MAY CAUSE RESPIRATORY IRRITATION,BRONCHITIS AND PULMONARY
EDEMA.INGE ST:MAY CAUSE GASTROINTESTINAL BURNS. FIRST AID: EYES:FLUSH WITH
WATER UNTIL ALL TRACES ARE GONE.SEEK MEDICAL ATTENTION IF IRRITATION
PERSISTS.SKIN:REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND WATER .SEEK
MEDICAL ATTENTION IF IRRITATION PERSISTS.INHAL:REMOVE FROM EXPOSURE.GIVE

OXYGEN OR ARTIFICIAL RESPIRATION IF NESCESSARY.INGEST:DO NOT INDUCE
VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CO NSCIOUS,GIVE 2 GLASSES
WATER/MILK.

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