

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 Information  
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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: &lt;55  
Ot

her 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 CONSCIOUS,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.

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te 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 Measure  
s  
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR W/ FULL FACE PIECE WHEN HANDLING 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

Data

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

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

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.

Detail DOT Information

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

Speci

al 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 COR

P (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 Prec

cautions: \*\*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  
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WATER/MILK.

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