

ELDORADO CHEMICAL COMPANY, INC. -- ZPC-006;MIL-P-50002B,TYPE Z -- 6850-00-543-7050
===== Product Identification =====

Product ID:ZPC-006;MIL-P-50002B,TYPE Z

MSDS Date:12/21/1992

FSC:6850

NIIN:00-543-7050

MSDS Number: BQGNM

=== Responsible Party ===

Company Name:ELDORADO CHEMICAL COMPANY, INC.

Address:14350 LOOKOUT ROAD

Box:34837

City:SAN ANTONIO

State:TX

ZIP:78265

Country:US

Info Phone Num:512-65

3-9323 FAX:512-653-0625

Emergency Phone Num:512-653-2060

Preparer's Name:PAT E. SMITH

CAGE:55208

=== Contractor Identification ===

Company Name:ELDORADO CHEMICAL COMPANY, INC.

Address:14350 LOOKOUT ROAD

Box:34837

City:SAN ANTONIO

State:TX

ZIP:78265-4837

Country:US

Phone:800-531-1088/ 210-653-2060

CAGE:55208

===== Composition/Information on Ingredients =====

Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 30%

Other REC Limits:NONE RECOMM

ENDED
OSHA PEL:1 MG/M3/3 STEL
ACGIH TLV:1 MG/M3/3 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:NITRIC ACID (SARA III)
CAS:7697-37-2
RTECS #:QU5775000
Fraction by Wt: 7697-32%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 PPM/4 STEL
ACGIH TLV:2 PPM/4 STEL; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NICKEL SALTS(NICKEL II NITRATE,HEXAHYDRATE)
CAS:13478-00-7
RTECS #:QR7300000
Fraction by Wt: 2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:.001PPM
ACGIH TLV:.05PPM

Ingred Name:ZINC OXIDE(ZINC SALTS)
CAS:1314-13-2
RTECS #:ZH4810000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST; 9293

===== Hazards Identification =====

LD50 LC50 Mixture:TLV=1PPM(H3PO4);TLV=2PPM(HNO3)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:INHAL:CORROSIVE TO
LUNGS.SKIN:CORROSIVE TO SKIN
.NO SKIN ABSORPTION IS
EXPECTED.EYES:IMMEDIATELY CORROSIVE TO EYES. INGEST:NOT REPORTED.
Explanation of Carcinogenicity:NICKEL COMPOUNDS(CAS:13478-00-7) ARE A
SUSPECTED CARCINOGEN.
Effects of Overexposure:INHAL:COUGHING,BURNING SENSATION.SKIN:
BURNS(POSSIBLY SEVERE).
Medical Cond Aggravated by Exposure:NOT REPORTED.

===== First Aid Measures =====

First Aid:EYES:FLUSH WITH WATER FOR 15 MINUTES;CALL
PHYSICIAN.SKIN:FLUSH WITH WATER FOR 15 MINU

TES.INHAL:REMOVE TO
FRESH AIR.

===== Fire Fighting Measures =====

Extinguishing Media:WATER,CARBON DIOXIDE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS.USE
APPROPRIATE PROTECTIVE CLOTHING;AVOID CONTACT WITH THIS LIQUID.

Unusual Fire/Explosion Hazard:MATERIEL IS CORROSIVE TO SKIN.

===== Accidental Release Measures =====

Spill Release Procedures:MFG SUGGESTS,RINSE WITH WATER.HMIS SUGGESTS TO
NEUTRAL

IZE WITH SODIUM CARBONATE OR EQUAL AMTS OF SLAKED LIME(OR
SODA ASH).SCOOP SLURRY INTO APPROPRIATE DRUM FOR DISPOSAL.AVOIDING
CONTACT WITH THE LIQU ID.USE APPROPRAITE PROTECTIVE EQUIPMENT.

Neutralizing Agent:SODIUM CARBONATE,SLAKED LIME OR SODA ASH.

===== Handling and Storage =====

Handling and Storage Precautions:HMIS SUGGESTS,AVOID FREEZING,KEEP
CONTAINER CLOSED.

Other Precautions:NONE.

===== Exposure Controls/Personal Protection =====

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Respiratory Protection:USE A SELF-CONTAINED BREATHING APPARATUS IF TLV
IS EXCEEDED.

Ventilation:USE LOCAL OR MECHANICAL EXHAUST(WITH 100 CU FT/MIN
CAPACITY).

Protective Gloves:RUBBER.

Eye Protection:FACE SHIELD OR GOGGLES.

Other Protective Equipment:RUBBER APRON,BOOTS.

Work Hygienic Practices:AVOID PROLONGED SKIN CONTACT;DO NOT BREATHE
FUMES.

Supplemental Safety and Health
NONE.

===== Physical/Chemical Properties =====

HCC:C1

Boiling Pt:B.P. Te

xt:>200F,>93C

Melt/Freeze Pt:M.P/F.P Text: