

ELDORADO CHEMICAL COMPANY -- ED- 410, AIRCRAFT CLEANER - CLEANING COMPOUND, AIRCRAFT  
MATERIAL SAFETY DATA SHEET  
NSN: 6850012360128  
Manufacturer's CAGE: 55208  
Part No. Indicator: A  
Part Number/Trade Name: ED- 410, AIRCRAFT CLEANER

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**General Information**

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Item Name: CLEANING COMPOUND, AIRCRAFT SURFACE  
Company's Name: ELDORADO CHEMICAL COMPANY, INC.  
Company's Street: 14350 LOOKOUT ROAD  
Company's P. O. Box: 34837  
Company's City: SAN ANTONIO  
Company's State: TX  
Company's Country: US  
Company's Zip Code: 78265  
Company's Emerg Ph #: 800-255-3924  
Company's Info Ph #: 210-653-9323 FAX 210-653-0825  
Record No. For Safety Entry: 003  
Tot Safety Entries This Stk#: 005  
Status: SM  
Date MSDS Prepared: 17APR95  
Safety Data Review Date: 25NOV96  
Supply Item Manager: CX  
MSDS Preparer's Name: BOB E. FLYNT  
MSDS Serial Number: CCJCH  
Specification Number: MIL-C-85570  
Spec Type, Grade, Class: TYPE II  
Hazard Characteristic Code: N1  
Unit Of Issue: DR  
Unit Of Issue Container Qty: 55 GALLON  
Type Of Container: 1A1, 18/18 GA  
Net Unit Weight: 458.0 LBS  
NRC/State License Number: NONE  
Net Propellant Weight-Ammo: NONE

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**Ingredients/Identity Information**

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Proprietary: NO  
Ingredient: 2-BUTOXYETHANOL  
Ingredient Sequence Number: 01  
Percent: 5  
NIOSH (RTECS) Number: KJ8575000  
CAS Number: 111-76-2  
OSHA PEL: S, 50 PPM  
ACGIH TLV: S, 25 PPM, 9495  
Other Recommended Limit: NONE RECOMMENDED

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**Physical/Chemical Characteristics**

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Appearance And Odor: AMBER, THIN LIQUID, MILD ODOR  
Boiling Point: 250F, 121C  
Melting Point: N/A  
Vapor Pressure (MM Hg/70 F): 10 MM  
Vapor Density (Air=1): 1  
Specific Gravity: 1

Decomposition Temperature: UNKNOWN  
Evaporation Rate And Ref: 0.5 (WATER = 1)  
Solubility In Water: PARTIALLY SOLUBLE  
Percent Volatiles By Volume: 80  
Viscosity: UNKNOWN  
pH: 10  
Corrosion Rate (IPY): UNKNOWN  
Autoignition Temperature: NONE

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**Fire and Explosion Hazard Data**

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Flash Point: NONE  
Lower Explosive Limit: NONE  
Upper Explosive Limit: NONE  
Extinguishing Media: ANY SUITABLE MATERIAL  
Special Fire Fighting Proc: NONE  
Unusual Fire And Expl Hazrds: NONE

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**Reactivity Data**

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Stability: YES  
Cond To Avoid (Stability): NONE  
Materials To Avoid: NONE  
Hazardous Decomp Products: MFR GAVE NO INFORMATION OF MSDS.  
Conditions To Avoid (Poly): MFR GAVE NO INFORMATION OF MSDS.

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**Health Hazard Data**

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LD50- LC50 Mixture: PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: INHALATION: SLIGHT HAZARD, LOW VAPOR  
PRESSURE. EYE: MODERATE, PAINFUL TO EYES. SKIN: MODERATE, IRRITATES SKIN.  
SLIGHT SKIN ABSORPTION.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: MANUFACTURER GAVE NO INFORMATION ABOUT  
CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE  
CARCINOGENIC.  
Signs/Symptoms Of Overexp: INHALATION: DIZZINESS, NAUSEA, HEADACHE.  
SKIN: IRRITATION, DEFATTING, DERMATITIS. NO ABSORPTION EXPECTED AT USE  
CONCENTRATION. EYE: CORROSIVE, PAIN.  
Med Cond Aggravated By Exp: MFR GAVE NO INFORMATION OF MSDS.  
Emergency/First Aid Proc: EYE: FLUSH W/WATER FOR 15 MIN. CONSULT PHYSICIAN.  
SKIN: FLUSH W/WATER FOR 15 MIN. WASH W/SOAP & WATER. INHALATION: REMOVE TO  
FRESH AIR. INGESTION: CONSULT PHYSICIAN.

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**Precautions for Safe Handling and Use**

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Steps If Matl Released/Spill: RINSE W/WATER.  
Neutralizing Agent: MFR GAVE NO INFORMATION OF MSDS.  
Waste Disposal Method: AS IS, THE PRODUCT IS NOT CONSIDERED A HAZARDOUS  
WASTE BY EPA GUIDELINES. CONSULT FEDERAL, STATE & LOCAL REGULATIONS FOR  
PROPER DISPOSAL.  
Precautions- Handling/Storing: MFR GAVE NO INFORMATION OF MSDS.

**Other Precautions: MFR GAVE NO INFORMATION OF MSDS.**

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**Control Measures**  
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**Respiratory Protection: NONE**  
**Ventilation: 100 FT/MIN**  
**Protective Gloves: RUBBER**  
**Eye Protection: FACE SHIELD OR GOGGLES**  
**Other Protective Equipment: RUBBER APRON & BOOTS**  
**Work Hygienic Practices: AVOID SKIN CONTACT**  
**Suppl. Safety & Health Data: NONE**  
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**Transportation Data**  
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**Trans Data Review Date: 96330**  
**DOT PSN Code: ZZZ**  
**DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION**  
**IMD PSN Code: ZZZ**  
**IMD Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION**  
**IATA PSN Code: ZZZ**  
**IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION**  
**AFI PSN Code: ZZZ**  
**AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION**  
**MMAC Code: NK**  
**N. O. S. Shipping Name: NONE**  
**Additional Trans Data: NONE**  
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**Disposal Data**  
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**Label Data**  
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**Label Required: YES**  
**Technical Review Date: 25NOV96**  
**MFR Label Number: NONE**  
**Label Status: F**  
**Common Name: ED- 410, AIRCRAFT CLEANER**  
**Chronic Hazard: NO**  
**Signal Word: CAUTION!**  
**Acute Health Hazard-Slight: X**  
**Contact Hazard-Slight: X**  
**Fire Hazard-None: X**  
**Reactivity Hazard-None: X**  
**Special Hazard Precautions: TARGET-ORGANS: EYES, SKIN INHALATION: SLIGHT HAZARD; LOW PRESSURE. SKIN: MODERATE IRRITATION, DEFATS SKIN. EYE: MODERATE IRRITATION. INGESTION: MFR GAVE NO INFORMATION ON MSDS. CHRONIC- DERMATITIS FROM PROLONGED &/OR REPEATED SKIN CONTACT. MFR GAVE NO INFORMATION ON MSDS. IN CASE OF SPILL: RINSE W/WATER.**  
**Protect Eye: Y**  
**Protect Skin: Y**  
**Label Name: ELDORADO CHEMICAL COMPANY, INC.**  
**Label Street: 14350 LOOKOUT ROAD**  
**Label P. O. Box: 34837**  
**Label City: SAN ANTONIO**  
**Label State: TX**  
**Label Zip Code: 78265**  
**Label Country: US**

**Label Emergency Number: 800- 255- 3924**