

ELDORADO CHEMICAL COMPANY, INC. -- HT-2230 -- 8010-01-040-1059

===== Product Identification =====

Product ID:HT-2230

MSDS Date:08/08/1988

FSC:8010

NIIN:01-040-1059

MSDS Number: BHNBT

=== Responsible Party ===

Company Name:ELDORADO CHEMICAL COMPANY, INC.

Box:34837

City:SAN ANTONIO

State:TX

ZIP:78265

Country:US

Info Phone Num:512-653-9323

Emergency Phone Num:1-800-531-1088

Preparer's Name:PAT E. SM

ITH

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:ETHANOLAMINE

CAS:141-43-5

RTECS #:KJ5775000

Fraction by Wt: 25%

OSHA PEL:3 PPM/6 STEL

ACGIH TLV:3 PPM/6 STEL; 9192

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt:

20%  
OSHA PEL:S, 50 PPM  
ACGIH TLV:S, 25 PPM; 9293

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Health Hazards Acute and Chronic:INHALATION: ACUTE-SLIGHT, VAPOR  
HAZARD. CHRONIC-LOW. SKIN CONTACT:  
ACUTE-LOW. CHRONIC-SLIGHT.  
SKIN ABSORPTION: ACUTE-LOW. CHRONIC-NONE .EYE CONTACT: ACUTE-LOW.  
CHRONIC-NONE.  
Effects of Overexposure:INHALATION: MAY CAUSE SKIN IRRITATION OR  
DIFFICULTY IN BR  
EATING WITH SENSITIVE INDIVIDUALS. SKIN: ACUTE-MAY  
CAUSE SKIN IRRITATION. NO CHRONIC EFFECTS EXPECTED.SKIN ABSORPTION:  
ACUTE-NO EVIDENCE OF SK IN ABSORPTION HAZARD. CHRONIC-NONE.EYE  
CONTACT: ACUTE-IRRITATING TO EYES. CHRONIC-NONE.

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First Aid Measures  
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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP  
AND WATER INHALATION: REMOVE TO FRESH AIR.

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Fire Fighting Measures  
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Flash Point:220F 105C  
Autoignition Temp:Autoignition Temp Text:450F  
Lower Limits:2%  
Upper Limits:15%  
Extinguishing Media:CO2, FOAM  
Fire Fighting Procedures:SCBA REQUIRED, CONTAINS PETROLEUM OILS WHICH  
WILL FLOAT ON WATER.  
Unusual Fire/Explosion Hazard:WILL CREATE NITROGEN OXIDES DURING  
COMBUSTION.

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Accidental Release Measures  
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Spill Release Procedures:RINSE WITH WATER.

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Exposure Controls/Personal Protection  
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Respir

atory Protection:MATERIAL TRANSFER OR SPILL: NONE; MATERIAL USE:  
SCBA IF LIMITS EXCEEDED.

Ventilation:MATERIAL TRANSFER OR SPILL: 100 FT/MIN AIR FLOW.  
MATERIAL USE: 100 FT/MIN AIR FLOW.

Protective Gloves:RUBBER

Eye Protection:FACE SHIELD

Other Protective Equipment:RUBBER APRONS AND BOOTS.

Supplemental Safety and Health

WORK PRACTICES: MATERIAL TRANSFER OR SPILL-AVOID SKIN CONTACT.  
MATERIAL USE-USED AT 180 DEG F, AVOID  
BURNS.

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

Boiling Pt:B.P. Text:240F

Vapor Pres:10MM

Vapor Density:2

Spec Gravity:.9

pH:11

Evaporation Rate & Reference:WATER = 1, 0.1

Solubility in Water:80%

Appearance and Odor:AMBER LIQUID AMINE ODOR

Percent Volatiles by Volume:80%

===== Stability and Reactivity Data =====

STRONG OXIDIZERS.

Hazardous Decomposition Products:NITROGEN OXIDES WILL OCCUR DURING  
COMBUSTION.

===== Disposal Considerations =====

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Waste Disposal Methods:USEPA HAZARDOUS WASTE NO.'S - NONE  
CONSULT FEDERAL, STATE AND LOCAL REGULATORY AGENCIES FOR  
PROPER DISPOSAL.

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