



[Division of Facilities Services](#)

DOD Hazardous Material Information (ANSI Format) For Cornell University Convenience Only

FORMULA 600

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Section 1 - Product and Company Identification

FORMULA 600

Product Identification: FORMULA 600
Date of MSDS: 04/24/1990 **Technical Review Date:** 06/01/1995
FSC: 7930 **NIIN:** LIIN: 00N014737
Submitter: N EN
Status Code: C
MFN: 01
Article: N
Kit Part: N

Manufacturer's Information

Manufacturer's Name: ALLIED ENTERPRISES INC
Manufacturer's Address1: 814 W 45TH ST
Manufacturer's Address2: NORFOLK, VA 23508
Manufacturer's Country: US
General Information Telephone:
Emergency Telephone: 804-4899-8282
Emergency Telephone: 804-4899-8282
MSDS Preparer's Name: N/P
Proprietary: N
Reviewed: N
Published: Y
CAGE: 58396
Special Project Code: N

Contractor Information

Contractor's Name: ALLIED ENTERPRISES, INC.
Post Office Box: 6159
Contractor's Address1: 814 W. 45TH STREET
Contractor's Address2: NORFOLK, VA 23508-2008
Contractor's Telephone: 757-489-8282
Contractor's CAGE: 58396

Section 2 - Composition/Information on Ingredients

FORMULA 600

Ingredient Name: 2-BUTOXYETHANOL
Ingredient CAS Number: 111-76-2 **Ingredient CAS Code:** M
RTECS Number: KJ8575000 **RTECS Code:** M

=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: N/K
% Enviromental Weight:
Other REC Limits: TRANS PEL:50 PPM
OSHA PEL: S, 50 PPM OSHA PEL Code: M
OSHA STEL: OSHA STEL Code:
ACGIH TLV: S, 25 PPM; 9293 ACGIH TLV Code: M
ACGIH STEL: N/P ACGIH STEL Code:
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical: N

Ingredient Name: POTASSIUM HYDROXIDE (SARA III)
Ingredient CAS Number: 1310-58-3 Ingredient CAS Code: M
RTECS Number: TT2100000 RTECS Code: M

=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: N/K
% Enviromental Weight:
Other REC Limits: N/K
OSHA PEL: C, 2 MG/M3 OSHA PEL Code: M
OSHA STEL: OSHA STEL Code:
ACGIH TLV: C 2 MG/M3; 9192 ACGIH TLV Code: M
ACGIH STEL: N/P ACGIH STEL Code:
EPA Reporting Quantity: 1000 LBS
DOT Reporting Quantity: 1000 LBS

Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview
FORMULA 600

Health Hazards Acute & Chronic: ACUTE/CHRONIC:MODERATE TO SEVERE IRRIT & POSSIBLE TISSUE DAMAGE TO EYES DEPENDING ON EXPOSURE. NAUSEA, VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS. ANIMAL STUDIES HAVE CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFFECTS ON (SEE SUPP DATA)

Signs & Symptoms of Overexposure:

HLTH HAZ:DISORDERS IN LAB ANIMALS & MAY HAVE THE POTENTIAL FOR CAUSING SIMILAR DISORDERS IN HUMANS (FP N).

Medical Conditions Aggravated by Exposure:

NONE SPECIFIED BY MANUFACTURER.

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route of Entry Indicators:

Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Indicators

NTP: NO

IARC: NO

OSHA: NO

Carcinogenicity Explanation: NOT RELEVANT

Section 4 - First Aid Measures
FORMULA 600

First Aid:

INHAL:MOVE TO FRESH AIR. GET MD IF SYMPTOMS PERSIST. INGEST:GIVE LG QTYS OF WATER THEN SEVERAL GLASSES OF MILK. INDUCE VOMITING. GET MD IMMEDIATELY. EYE:FLUSH IMMEDIATELY W/LG AMTS OF WATER FOR AT LEA ST 15 MINUTES LIFTING LIDS OCCASIONALLY. GET MD IMMEDIATELY. SKIN:WASH W/PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING & WASH W/PLENTY OF SOAP & WATER.

Section 5 - Fire Fighting Measures

FORMULA 600

Fire Fighting Procedures:

WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire or Explosion Hazard:

NONE KNOWN.

Extinguishing Media:

AS REQUIRED BY SURROUNDING FIRE.

Flash Point: Flash Point Text: NONE

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): N/A

Upper Limit(s): N/A

Section 6 - Accidental Release Measures
FORMULA 600

Spill Release Procedures:

CONTAIN LARGE SPILLS AND PUMP TO RECOVER. SMALL SPILLS CAN BE MOPPED UP. FLUSH CONTAMINATED AREA W/WATER.

Section 7 - Handling and Storage
FORMULA 600

Handling and Storage Precautions:**Other Precautions:**

Section 8 - Exposure Controls & Personal Protection
FORMULA 600

Respiratory Protection:

ONLY W/O ADEQUATE VENTILATION, USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:

STANDARD.

Protective Gloves:

PROTECTIVE GLOVES RECOMMENDED.

Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH HANDS THOROUGHLY AFTER USE.

Supplemental Health & Safety Information: HLTH HAZ: THE CNS, THE HEMATOPOIETIC TISSUES, THE BLOOD, THE KIDNEYS AND THE LIVER, ASSOCIATED WITH THE ADMINISTRATION OF ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) AND ETHYLENE GLYCOL MONOBUTYL ETHER ACE TATE (EGBEA). (EXTRACTED FROM DHHS (NIOSH) PUBLICATION NO. 90-118)

Section 9 - Physical & Chemical Properties
FORMULA 600

HCC: N1

NRC/State License Number:

Net Property Weight for Ammo:

Boiling Point: Boiling Point Text: >208F,>98C

Melting/Freezing Point: Melting/Freezing Text: N/K

Decomposition Point: Decomposition Text: N/K

Vapor Pressure: N/K Vapor Density: N/K

Percent Volatile Organic Content:

Specific Gravity: 1.109

Volatile Organic Content Pounds per Gallon:

pH: N/K

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: N/K

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR LIQUID, MILD ODOR.

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

Section 10 - Stability & Reactivity Data
FORMULA 600

Stability Indicator: YES

Materials to Avoid:

NONE

Stability Condition to Avoid:

NONE

Hazardous Decomposition Products:

NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

NOT RELEVANT

Section 11 - Toxicological Information
FORMULA 600

Toxicological Information:
N/P

Section 12 - Ecological Information
FORMULA 600

Ecological Information:
N/P

Section 13 - Disposal Considerations
FORMULA 600

Waste Disposal Methods:
DISPOSE OF I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Section 14 - MSDS Transport Information
FORMULA 600

Transport Information:
N/P

Section 15 - Regulatory Information
FORMULA 600

SARA Title III Information:
N/P

Federal Regulatory Information:
N/P

State Regulatory Information:
N/P

Section 16 - Other Information
FORMULA 600

Other Information:
N/P

HMIS Transportation Information

Product Identification: FORMULA 600

Transportation ID Number: 19964

Responsible Party CAGE: 58396

Date MSDS Prepared: 04/24/1990

Date MSDS Reviewed: 09/16/1991

MFN: 09/16/1991

Submitter: N TN

Status Code: C

Container Information

Unit of Issue: NK

Container Quantity: NK

Type of Container:

Net Unit Weight:

Article without MSDS: N

Technical Entry NOS Shipping Number:

Radioactivity:

Form:

Net Explosive Weight:

Coast Guard Ammunition Code:

Magnetism: N/P

AF MMAC Code:

DOD Exemption Number:

Limited Quantity Indicator:

Multiple Kit Number: 0

Kit Indicator: N

Kit Part Indicator: N

Review Indicator: Y

Additional Data:

NOT REGULATED FOR TRANSPORTATION

Department of Transportation Information

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

DOT PSN Code: ZZZ

Symbols: N/R

DOT PSN Modifier:

Hazard Class: N/R

UN ID Number: N/R

DOT Packaging Group: N/R

Label: N/R

Special Provision(s): N/R

Packaging Exception: N/R

Non Bulk Packaging: N/R

Bulk Packaging: N/R

Maximum Quantity in Passenger Area: N/R

Maximum Quantity in Cargo Area: N/R

Stow in Vessel Requirements: N/R
Requirements Water/Sp/Other: N/R

IMO Detail Information

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO PSN Modifier:
IMDG Page Number: N/R
UN Number: N/R
UN Hazard Class: N/R
IMO Packaging Group: N/R
Subsidiary Risk Label: N/R
EMS Number: N/R
Medical First Aid Guide Number: N/R

IATA Detail Information

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA PSN Modifier:
IATA UN Id Number: N/R
IATA UN Class: N/R
Subsidiary Risk Class: N/R
UN Packaging Group: N/R
IATA Label: N/R
Packaging Note for Passengers: N/R
Maximum Quantity for Passengers: N/R
Packaging Note for Cargo: N/R
Maximum Quantity for Cargo: N/R
Exceptions: N/R

AFI Detail Information

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI Symbols:
AFI PSN Code: ZZZ
AFI PSN Modifier:
AFI UN Id Number: N/R
AFI Hazard Class: N/R
AFI Packing Group: N/R
AFI Label: N/R
Special Provisions: N/A
Back Pack Reference: N/A

HAZCOM Label Information

Product Identification: FORMULA 600
CAGE: 58396
Assigned Individual: N
Company Name: ALLIED ENTERPRISES, INC.

Company PO Box: 6159
Company Street Address1: 814 W. 45TH STREET
Company Street Address2: NORFOLK, VA 23508-2008 US
Health Emergency Telephone: 804-4899-8282
Label Required Indicator: Y
Date Label Reviewed: 06/07/1991
Status Code: C
Manufacturer's Label Number:
Date of Label: 06/07/1991
Year Procured: N/K
Organization Code: G
Chronic Hazard Indicator: N
Eye Protection Indicator: YES
Skin Protection Indicator: YES
Respiratory Protection Indicator: YES
Signal Word: WARNING
Health Hazard: Slight
Contact Hazard: Moderate
Fire Hazard: None
Reactivity Hazard: None

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