

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 7930
NIIN: 00N011657
Manufacturer's CAGE: DOWBR
Part No. Indicator: A
Part Number/Trade Name: GLASS PLUS

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General Information
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Item Name:
Company's Name: DOW BRANDS,INC,HOME CARE DIV
Company's Street:
Company's P. O. Box: 368
Company's City: GREENVILLE
Company's State: SC
Company's Country: US
Company's Zip Code: 29602-0368
Company's Emerg Ph #: 803-963-4261
Company's Info Ph #: 803-963-4261
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: N
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 01MAY90
Safety Data Review Date: 15JUN90
Supply Item Manager: CX
MSDS Preparer's Name: RESEARCH SERVICE GROUP
Preparer's Company: SAME
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BJFKP
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

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Ingredients/Identity Information
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Proprietary: NO
 Ingredient: ISOPROPYL ALCOHOL (SARA III)
 Ingredient Sequence Number: 01
 Percent: <5
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: NT8050000
 CAS Number: 67-63-0
 OSHA PEL: 400 PPM/500 STEL
 ACGIH TLV: 400 PPM/500STEL;9192
 Other Recommended Limit: N/K (FP N/ORNL)

Proprietary: NO
 Ingredient: 2-BUTOXYETHANOL
 Ingredient Sequence Number: 02
 Percent: <10
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: KJ8575000
 CAS Number: 111-76-2
 OSHA PEL: S, 50 PPM
 ACGIH TLV: S, 25 PPM; 9293
 Other Recommended Limit: N/K (FP N/ORNL)

Proprietary: NO
 Ingredient: AMMONIA (SARA III)
 Ingredient Sequence Number: 03
 Percent: <0.1
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: BO0875000
 CAS Number: 7664-41-7
 OSHA PEL: 50 PPM
 ACGIH TLV: 25 PPM/35 STEL; 9293
 Other Recommended Limit: N/K (FP N/ORNL)

Proprietary: NO
 Ingredient: SURFACTANT.TOTAL PERCENT OF INGREDIENTS 4,5,6 AND 7 IS >85.
 Ingredient Sequence Number: 04
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 1001310SA
 CAS Number:
 OSHA PEL: N/K (FP N/ORNL)
 ACGIH TLV: N/K (FP N/ORNL)

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Other Recommended Limit: N/K (FP N/ORNL)

Proprietary: NO
 Ingredient: PERFUME.TOTAL PERCENT OF INGREDIENTS 4,5,6 AND 7 IS >85.
 Ingredient Sequence Number: 05
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 1000511PU
 CAS Number:
 OSHA PEL: N/K (FP N/ORNL)

ACGIH TLV: N/K (FP N/ORNL)
Other Recommended Limit: N/K (FP N/ORNL)

Proprietary: NO
Ingredient: DYE.TOTAL PERCENT OF INGREDIENTS 4,5,6 AND 7 IS >85.
Ingredient Sequence Number: 06
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: 1000093DY
CAS Number:
OSHA PEL: N/K (FP N/ORNL)
ACGIH TLV: N/K (FP N/ORNL)
Other Recommended Limit: N/K (FP N/ORNL)

Proprietary: NO
Ingredient: WATER.TOTAL PERCENT OF INGREDIENTS 4,5,6 AND 7 IS >85.
Ingredient Sequence Number: 07
Percent: N/K
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: N/K (FP N/ORNL)
ACGIH TLV: N/K (FP N/ORNL)
Other Recommended Limit: N/K (FP N/ORNL)

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Physical/Chemical Characteristics
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Appearance And Odor: CRYSTAL CLEAR,BLUE LIQUID WITH PERFUME ODOR.
Boiling Point: SEE SUPP
Melting Point: N/K (FP N)
Vapor Pressure (MM Hg/70 F): SEE SUPP
Vapor Density (Air=1): N/K
Specific Gravity: 0.992 (WATER=1)
Decomposition Temperature: N/K (FP N)
Evaporation Rate And Ref: ABOUT 1 (WATER=1)
Solubility In Water: COMPLETE
Percent Volatiles By Volume: NEGLIG
Viscosity:
pH: 9.2
Radioactivity:

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Form (Radioactive Matl):
Magnetism (Milligauss): N/P
Corrosion Rate (IPY): N/K
Autoignition Temperature:

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Fire and Explosion Hazard Data
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Flash Point: 143F,62C
Flash Point Method: SCC
Lower Explosive Limit: SEE SUPP
Upper Explosive Limit: SEE SUPP
Extinguishing Media: N/A
Special Fire Fighting Proc: N/A
Unusual Fire And Expl Hazrds: N/A

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NONE KNOWN
Materials To Avoid: NONE
Hazardous Decomp Products: NONE KNOWN
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NONE KNOWN
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Health Hazard Data

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LD50-LC50 Mixture: LD50 RAT ACUTE PERORAL (SEE SUPP DATA)
Route Of Entry - Inhalation: NO
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: NIOSH STUDIES INDICATE 2-BUTOXYETHANOL HAS
CAUSED REPRODUCTIVE DISORDERS IN LABORATORY ANIMALS (RATS OR MICE) AND MAY
HAVE THE POTENTIAL FOR CAUSING SIMILAR DISORDERS IN HUMANS (FP N).
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: EYES/SKIN/INGESTION/INHALATION:NONE EXPECTED.
Med Cond Aggravated By Exp: N/K (FP N/ORNL)
Emergency/First Aid Proc: EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT
LEAST 15 MINUTES (FP N).SKIN:N/K (FP N/ORNL).INGESTION:CALL MD IMMEDIATELY
(FP N).INHALATION:IF DISCOMFORT FROM PROLONGED INHALATION DEVELOPS,REMOVE
PATIENT TO FRESH AIR AND SEEK MEDICAL ATTENTION.
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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: WIPE UP AND/OR RINSE AWAY WITH WATER.
Neutralizing Agent: N/K (FP N/ORNL)
Waste Disposal Method: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL,STATE
AND LOCAL REGULATIONS (FP N).
Precautions-Handling/Storing: NONE REQUIRED
Other Precautions: DO NOT SPRAY DIRECTLY INTO ELECTRICAL OUTLETS.

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Control Measures

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Respiratory Protection: NONE REQUIRED
Ventilation: NORMAL
Protective Gloves: NONE REQUIRED
Eye Protection: NONE REQUIRED.USE SAFETY GLASSES.
Other Protective Equipment: NONE
Work Hygienic Practices: N/K (FP N/ORNL)
Suppl. Safety & Health Data: BOILING POINT:ABOUT 212F,100C.VAPOR
PRESSURE:ABOUT 17.5 MMHG.UEL:12% OF THE ALCOHOL COMPONENT.LEL:2% OF THE
ALCOHOL COMPONENT.LD50-LC50 MIX:>30 ML/KG;LD50 RABBIT ACUTE DERMAL >2 ML/
KG.ROUTES OF ENTRY:INHALATION/SKIN/INGESTION (FP N).
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Transportation Data

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Transportation Action Code:
Transportation Focal Point: N
Trans Data Review Date: 90222
DOT PSN Code: ZZZ
DOT Symbol:
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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DOT Class: N/R
 DOT ID Number: N/R
 DOT Pack Group:
 DOT Label: N/R
 DOT/DoD Exemption Number:
 IMO PSN Code: ZZZ
 IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
 IMO Regulations Page Number: N/R
 IMO UN Number: N/R
 IMO UN Class: N/R
 IMO Subsidiary Risk Label: N/R
 IATA PSN Code: ZZZ
 IATA UN ID Number: N/R
 IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
 IATA UN Class: N/R
 IATA Subsidiary Risk Class: N/R
 IATA Label: N/R
 AFI PSN Code: ZZZ
 AFI Symbols:
 AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
 AFI Class: N/R
 AFI ID Number: N/R
 AFI Pack Group:
 AFI Label: N/R
 AFI Special Prov:
 AFI Basic Pac Ref:
 MMAC Code:
 N.O.S. Shipping Name:
 Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

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 Disposal Data
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Disposal Data Action Code:
 Disposal Data Focal Point:
 Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

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 Label Data
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Label Required: P
 Technical Review Date: 15JUN90
 Label Date:
 MFR Label Number: N/K

Label Status: N
Common Name: GLASS AND OTHER HARD SURFACE CLEANER
Chronic Hazard: N/P
Signal Word: WARNING!
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate: X
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight: X
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate: X
Fire Hazard-Severe:
Reactivity Hazard-None: X
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: WARNING! FLAMMABLE LIQUID ACUTE:NONE EXPECTED.
CHRONIC:NIOSH STUDIES INDICATE 2-BUTOXYETHANOL HAS CAUSED REPRODUCTIVE
DISORDERS IN LABORATORY ANIMALS (RATS OR MICE) AND MAY HAVE THE POTENTIAL
FOR CAUSING SIMILAR DISORDERS IN HUMANS (FP N).

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Protect Eye: Y
Protect Skin:
Protect Respiratory:
Label Name: DOW BRANDS,INC,HOME CARE DIV
Label Street:
Label P.O. Box: 368
Label City: GREENVILLE
Label State: SC
Label Zip Code: 29602-0368
Label Country: US
Label Emergency Number: 803-963-4261
Year Procured: N/K