

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

FSC: 6850
NIIN: 00N065710
Manufacturer's CAGE: 8J132
Part No. Indicator: A
Part Number/Trade Name: ACTI-KLEAN

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General Information

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Item Name:
Company's Name: VIRGINIA KMP
Company's Street: 4100 PLATINUM WAY
Company's P. O. Box:
Company's City: DALLAS
Company's State: TX
Company's Country: US
Company's Zip Code: 75237
Company's Emerg Ph #: 800-527-7960
Company's Info Ph #: 800-527-7960
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: SMJ
Date MSDS Prepared: 01JUN91
Safety Data Review Date: 31OCT95
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BZRNL
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: 2-BUTOXYETHANOL; (ETHYLENE GLYCOL MONOBUTYL ETHER)
 Ingredient Sequence Number: 01
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: KJ8575000
 CAS Number: 111-76-2
 OSHA PEL: 50 PPM, S
 ACGIH TLV: 25 PPM, S
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: BENZENESULFONIC ACID, DODECYL-; (DODECYLBENZENESULFONIC ACID)
 (CERCLA)
 Ingredient Sequence Number: 02
 Percent: N/K
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: DB6600000
 CAS Number: 27176-87-0
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)
 Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: GREEN LIQUID
 Boiling Point: 212F, 100C
 Melting Point: N/A
 Vapor Pressure (MM Hg/70 F): N/K
 Vapor Density (Air=1): N/K
 Specific Gravity: 1.02 (H*20=1)
 Decomposition Temperature: N/K
 Evaporation Rate And Ref: <1 (BUTYL ACETATE=1)
 Solubility In Water: COMPLETE
 Percent Volatiles By Volume: N/K
 Viscosity:
 pH: 9.0
 Radioactivity:
 Form (Radioactive Matl):
 Magnetism (Milligauss):
 Corrosion Rate (IPY): N/K
 Autoignition Temperature:

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Fire and Explosion Hazard Data

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Flash Point: NONE
 Flash Point Method: N/P
 Lower Explosive Limit: N/A
 Upper Explosive Limit: N/A
 Extinguishing Media: USE DRY POWDER, CARBON DIOXIDE, WATER FOG OR SPRAY.
 USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING CONDITIONS.
 Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA & FULL
 PROTECTIVE EQUIPMENT (FP N). APPROACH FIRE FROM UPWIND SIDE. AVOID
 BREATHING SMOKE, FUMES, MIST/VAPORS ON DOWNWIND SIDE.
 Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MANUFACTURER.

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Reactivity Data

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Stability: YES

Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: OXIDIZING MATERIALS.

Hazardous Decomp Products: FROM COMBUSTION: SMOKE, CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF PHOSPHOROUS, OXIDES OF SULFUR.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: ACUTE: INHAL OF VAP/MIST IRRIT TO RESP TRACT. LIQ/VAPS IRRIT TO SKIN/EYES. INGEST WILL CAUSE GI DISTRESS. SYMP OF EXPOS MAY INCL BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HDCH, NAUS & VOMIT. CHRONIC: DMG TO KIDNEYS & LIVER (ETHYLENE GLYCOL MONOBUTYL ETHER). ANIMAL STUDIES (EFTS OF OVEREXP)

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

Signs/Symptoms Of Overexp: HLTH HAZ: CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFFECTS ON THE CNS, THE HEMATOPOIETIC TISSUES, THE BLOOD, THE KIDNEYS, AND THE LIVER, ASSOCIATED WITH THE ADMINISTRATION OF ETHYLENE GLYCOL MONOBUTYL ETHER (EGBE) (EXTRACTED FROM DHHS (NIOSH) PUBLICATION # 90-118) (FP N).

Med Cond Aggravated By Exp: NO DATA ESTABLISHED.

Emergency/First Aid Proc: EYES: FLUSH W/WATER FOR AT LEAST 15 MIN. GET MED ATTN IF SYMP DEVELOP/PERSIST. SKIN: FLUSH W/WATER/SOAP & WATER FOR 15 MIN/UNTIL ALL TRACES HAVE BEEN REMOVED. SEEK MED ATTN IF SYMP DEVELOP & PERSIST. INGEST: DO NOT INDUCE VOMIT, GET IMMED MED ATTN. INHAL: REMOVE TO FRESH AIR &, IF NEEDED, IMMED BEGIN ARTF RESP. GIVE OXYGEN IF BRTHG IS LABORED. GET EMER MED HELP. CONT MD IMMED.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: FOR SMALL SPILLS: PICK UP WITH ABSORBENT MEDIA. STORE AS INDUSTRIAL WASTE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: APPROVED INDUSTRIAL WASTE FACILITY. FOLLOW ALL APPLICABLE REGULATIONS. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS (FP N).

Precautions-Handling/Storing: STORE AWAY FROM FOODSTUFFS. STORE AWAY FROM BASIC MATERIALS.

Other Precautions: CLEAN UP LEAKS/SPILLS IMMEDIATELY TO PREVENT SOIL OR WATER CONTAMINATION.

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Control Measures

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Respiratory Protection: IF CONCENTRATION REACHES OR EXCEEDS TLV, WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation: LOCAL EXHAUST AND MECHANICAL VENTILATION RECOMMENDED.

Protective Gloves: HEAVY RUBBER TYPE.

Eye Protection: ANSI APPROVED CHEMICAL WORKERS (SUP DAT)
 Other Protective Equipment: BOOTS, APRONS. EMERGENCY EYEWASH & DELUGE
 SHOWER MEETING ANSI DESIGN CRITERIA (FP N).
 Work Hygienic Practices: AVOID CONTACT WITH SKIN, EYES, AND CLOTHING.
 AFTER HANDLING THIS PRODUCT, WASH HANDS BEFORE EATING, DRINKING, (SUP DAT)
 Suppl. Safety & Health Data: EYE PROT: GOGGLES AND FULL LENGTH FACESHIELD
 (FP N). HYGIENE PRACT: OR SMOKING. IF CONTACT OCCURS, REMOVE CONTAMINATED
 CLOTHING. IF NEEDED, TAKE FIRST AID ACTION. LAUNDER CONTAMINATED CLOTHING
 BEFORE REUSE.

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Transportation Data

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Transportation Action Code:
 Transportation Focal Point:
 Trans Data Review Date:
 DOT PSN Code:
 DOT Symbol:
 DOT Proper Shipping Name:
 DOT Class:
 DOT ID Number:
 DOT Pack Group:
 DOT Label:
 DOT/DoD Exemption Number:
 IMO PSN Code:
 IMO Proper Shipping Name:
 IMO Regulations Page Number:
 IMO UN Number:
 IMO UN Class:
 IMO Subsidiary Risk Label:
 IATA PSN Code:
 IATA UN ID Number:
 IATA Proper Shipping Name:
 IATA UN Class:

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IATA Subsidiary Risk Class:
 IATA Label:
 AFI PSN Code:
 AFI Symbols:
 AFI Prop. Shipping Name:
 AFI Class:
 AFI ID Number:
 AFI Pack Group:
 AFI Label:
 AFI Special Prov:
 AFI Basic Pac Ref:
 MMAC Code:
 N.O.S. Shipping Name:
 Additional Trans Data:

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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: YES
 Technical Review Date: 31OCT95
 Label Date: 31OCT95
 MFR Label Number:
 Label Status: G
 Common Name: ACTI-KLEAN
 Chronic Hazard: YES
 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

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Contact Hazard-Moderate:
 Contact Hazard-Severe:
 Fire Hazard-None: X
 Fire Hazard-Slight:
 Fire Hazard-Moderate:
 Fire Hazard-Severe:
 Reactivity Hazard-None: X
 Reactivity Hazard-Slight:
 Reactivity Hazard-Moderate:
 Reactivity Hazard-Severe:
 Special Hazard Precautions: ACUTE: INHALATION OF VAPOR OR MIST IS IRRITATING TO RESPIRATORY TRACT. LIQUID OR VAPORS ARE IRRITATING TO SKIN OR EYES. INGESTION WILL CAUSE GASTROINTESTINAL DISTRESS. SYMPTOMS OF EXPOSURE MAY INCLUDE BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA AND VOMITING. CHRONIC: DAMAGE TO KIDNEYS AND LIVER (ETHYLENE GLYCOL MONOBUTYL ETHER). ANIMAL STUDIES CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFFECTS ON THE CENTRAL NERVOUS SYSTEM, THE BLOOD FORMING TISSUES, THE BLOOD, THE KIDNEYS AND THE LIVER, ASSOCIATED WITH THE ADMINISTRATION OF 2-BUTOXYETHANOL (FP N).
 Protect Eye: Y
 Protect Skin: Y
 Protect Respiratory: Y
 Label Name: VIRGINIA KMP
 Label Street: 4100 PLATINUM WAY
 Label P.O. Box:
 Label City: DALLAS
 Label State: TX
 Label Zip Code: 75237
 Label Country: US
 Label Emergency Number: 800-527-7960

Year Procured: