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

FSC: 8510
NIIN: 00F054366
Manufacturer's CAGE: 17122
Part No. Indicator: A
Part Number/Trade Name: 464 METERED AEROSOL DEODORANTS

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General Information

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Item Name:
Company's Name: BIG D INDUSTRIES INC
Company's Street: 5620 S W 29TH ST
Company's P. O. Box: 82275
Company's City: OKLAHOMA CITY
Company's State: OK
Company's Country: US
Company's Zip Code: 73148
Company's Emerg Ph #: 405-556-0288/800-654-4752
Company's Info Ph #: 800-654-4752/405-682-2541
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: F
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 11JUL95
Safety Data Review Date: 17SEP97
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company: BIG D INDUSTRIES INC
Preparer's St Or P. O. Box: 5620 S W 29TH ST
Preparer's City: OKLAHOMA CITY
Preparer's State: OK
Preparer's Zip Code: 73148
Other MSDS Number:
MSDS Serial Number: CFXVN
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: ETHANOL (ETHYL ALCOHOL), TECSOL, ALCOHOL, SYNASOL *97-2*
Ingredient Sequence Number: 01
Percent: 20-30
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: KQ6300000
CAS Number: 64-17-5
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM
Other Recommended Limit: 1900 MG/CUM

Proprietary: NO
Ingredient: PROPANE (DIMETHYLMETHANE) *97-2*
Ingredient Sequence Number: 02
Percent: <35-45
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: TX2275000
CAS Number: 74-98-6
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM
Other Recommended Limit: 1800 MG/CUM

Proprietary: NO
Ingredient: ISOBUTANE, 2-METHYLPROPANE
Ingredient Sequence Number: 03
Percent: <35-45
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: TZ4300000
CAS Number: 75-28-5
OSHA PEL: 1800 MG/CUM
ACGIH TLV: 1000 PPM
Other Recommended Limit: 1000 PPM

Proprietary: NO
Ingredient: BUTANE, N-BUTANE *97-2*
Ingredient Sequence Number: 04
Percent: <35-45
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: EJ4200000
CAS Number: 106-97-8
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

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Other Recommended Limit: 800 PPM

Proprietary: NO
Ingredient: KEROSENE (PETROLEUM), (C10-C15 SATURATED HYDROCARBONS 97%, C10 AROMATICS 3%) (SUSP ANIMAL CARCINOGEN BY IARC) *97-2*
Ingredient Sequence Number: 05
Percent: 25-35
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: OA5504000
CAS Number: 64742-47-8

OSHA PEL: 300 PPM
ACGIH TLV: N/K
Other Recommended Limit: 200 PPM EXXON

Proprietary: NO
Ingredient: AMYL ACETATE
Ingredient Sequence Number: 06
Percent: 0.2-2
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: AJ1925000
CAS Number: 628-63-7
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM
Other Recommended Limit: 530 PPM
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Physical/Chemical Characteristics

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Appearance And Odor: VERY DRY SPRITZ W/VARIOUS FRAGRANCE ODORS.
Boiling Point: N/K
Melting Point: N/R
Vapor Pressure (MM Hg/70 F): N/K
Vapor Density (Air=1): >1
Specific Gravity: 0.5508
Decomposition Temperature: N/K
Evaporation Rate And Ref: (N-BU AC =1): <1
Solubility In Water: N/K
Percent Volatiles By Volume: N/K
Viscosity:
pH: N/K
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: -50F
Flash Point Method: TCC
Lower Explosive Limit: 0.6
Upper Explosive Limit: 19

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Extinguishing Media: CO2, DRY CHEMICAL, FOAM.
Special Fire Fighting Proc: WEAR A SELF CONTAINED AIR SUPPLY. KEEP CONTAINER COOL TO AVOID BURSTING.
Unusual Fire And Expl Hazrds: EXPOSURE TO TEMPS >120F MAY CAUSE BURSTING.
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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): TEMPS >120F.
Materials To Avoid: STRONG OXIDIZING AGENTS SUCH AS NITRIC ACID.
Hazardous Decomp Products: BY BURNING: SMALL AMOUNTS OF CO &/CO2, TRACE AMOUNTS OF PHOSGENE.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NONE
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Health Hazard Data

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LD50-LC50 Mixture:
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: LOW ORDER OF TOXICITY. SKIN/EYES: MAY CAUSE IRRITATION. INGESTION: MAY CAUSE CHEMICAL PNEUMONIA IF ASPIRATED INTO LUNGS. FREQUENT/PROLONGED CONTACT MAY CAUSE KIDNEY & LIVER DAMAGE.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: SEE INGREDIENTS.
Signs/Symptoms Of Overexp: IRRITATION, SHORTNESS OF BREATH, DIZZINESS, LIGHT HEADEDNESS.
Med Cond Aggravated By Exp: N/K
Emergency/First Aid Proc: SKIN/EYES: FLUSH REPEATEDLY W/WATER. INGESTION: GIVE LARGE AMOUNTS OF WATER. DON'T INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: IF CONTAINER IS RUPTURED & BEGINS TO LEAK, PLACE IN A WELL VENTILATED AREA. REMOVE ALL IGNITION SOURCES. WASH AREA W/ SOAP & WATER. LARGE: SOAK UP W/INERT ABSORBENT MATERIAL SUCH AS SAND.
Neutralizing Agent: N/K
Waste Disposal Method: DISPOSE OF ABSORBENT MATERIAL IN A LANDFILL IAW/ FEDERAL, STATE & LOCAL REGULATIONS. DON'T INCINERATE.
Precautions-Handling/Storing: DON'T STORE NEAR HEAT, OPEN FLAME/TEMPS >120F. AVOID SKIN/EYE CONTACT.
Other Precautions: NONE
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Control Measures
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Respiratory Protection: NONE REQUIRED.
Ventilation: LOCAL EXHAUST/MECHANICAL (GENERAL): ADEQUATE.
Protective Gloves: RUBBER/PLASTIC
Eye Protection: SPLASH-PROOF SAFETY GOGGLES

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Other Protective Equipment: EYE WASH & SHOWER FACILITY
Work Hygienic Practices: GOOD HOUSEKEEPING PRACTICES.
Suppl. Safety & Health Data: N/K
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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:
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:

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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:
Technical Review Date:
Label Date:
MFR Label Number:
Label Status:
Common Name:
Chronic Hazard:
Signal Word:
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None:

Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions:
Protect Eye:
Protect Skin:
Protect Respiratory:
Label Name:
Label Street:
Label P.O. Box:
Label City:
Label State:
Label Zip Code:
Label Country:
Label Emergency Number:
Year Procured: