

03BR64, MIL-C-46168, D/SAND, TYPE II

MSDS Number

BCSKZ

National Stock Number

8010-00N009437

Product Name

03BR64, MIL-C-46168, D/SAND, TYPE II

Manufacturer

DEFT INC

Product Identification

Product ID:03BR64, MIL-C-46168, D/SAND, TYPE II

MSDS Date:11/16/1985

FSC:8010

NIIN:00N009437

MSDS Number: BCSKZ

Responsible Party

DEFT, INC.

17451 VON KARMAN

IRVINE , CA 92714

Emergency Phone: 714-474-0400

Info Phone: 714-474-0400

Cage: DO188

Contractor

DEFT, INC.

IRVINE, CA 92714

US

800-424-9300

Cage: DO188

Ingredients

2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 20%

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 15%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYL ACETATE (SARA III)

CAS: 141-78-6

RTECS: AH5425000

Fraction By Weight: 10%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

DIBUTYL TIN DILAURATE (AS TIN)

CAS: 77-58-7

RTECS: WH7000000

Fraction By Weight:

OSHA PELS, 0.1 MG/M3

ACGIH TLV: S, 0.1 MG/M3; 8990

Hazards

LD50 LC50 Mixture:N/K

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NIOSH STUDIES INDICATE 2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) HAS CAUSED REPRODUCTIVE DISORDERS IN LABORATORY ANIMALS (RATS OR MICE) AND MAY HAVE THE POTENTIAL FOR CAUSING SIMILAR DISORDERS IN HUMANS .

Explanation of Carcinogenicity:N/K

Effects of Overexposure:INHAL:IRRIT OF THE RESP TRACT & ACUTE NERVOUS SYS DEPRESS CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS:HDCH, DIZZ, STAG GAIT, CONFUSN, UNCON OR COMA. ACUTE:SKIN & EYE CONTACT: PRIMARY IRRIT. CHRON IC:REPEATED OVEREXPOSURE MAY RESULT IN ALLERGIC SENSITIVITY.

Medical Cond Aggravated by Exposure:RESPIRATORY TRACT IRRITATION, DERMATITIS, NAUSEA, VOMITING.

First Aid

First Aid:VAPORS:RMV FROM EXPOS, RESTORE BRTHING, KEEP WARM & QUIET, NOTIFY A PHYSICIAN. SPLASH(EYES):FLUSH IMMED W/PLENTY OF WATER FOR 15 MIN, TAKE TO A PHYSICIAN FOR MED ATTN. SPLASH(SKIN):WASH AFFECTED AREAS W/WATER. REMOVE CONTAMINATED CLOTHING,CONSULT A PHYSICIAN.

Fire Fighting

Flash Point Method:TCC

Flash Point:24 F (-4 C)

Lower Limits:1.7

Upper Limits:N/K

Extinguishing Media:FOAM, CO*2, DRY CHEMICAL, WATER FOG

Fire Fighting Procedures:USE PROTECTIVE EQUIPMENT & SCBA. WATER FOG MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD-UP IN CLOSED CONTAINERS.

Unusual Fire/Explosion Hazard:KEEP CNTNR TIGHTLY CL. ISOL FR HEAT, ELEC EQPT, SPK & OPEN FLAME. CL CNTNR MAY EXPLD WHEN EXP TO EXTM HEAT. APPL TO HOT SURF REQUIRES SPECIAL PRECAUTIONS.

Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION (FLAME, HOT

SURFACES, SPARK SOURCES). AVOID BREATHING VAPORS. CONTAIN & REMOVE WITH INERT ABSORBENT & NON-SPARKING TOOLS.

Neutralizing Agent:N/K

Handling

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES, FIRE, OPEN FLAME, SPARK SOURCES.

Other Precautions:KEEP CLOSURES TIGHT & CONTAINER UPRIGHT TO PREVENT LEAKAGE. DO NOT STORE OR USE NEAR HEAT, SPARKS OR FLAME. STORE ONLY IN WELL VENT AREAS. PVNT PRLNG OR RPTD BREATHING OF VAPOR OR SPRAY MIST. PRLNG OV EREXPOSURE CAN CAUSE AN ALLERGIC RCTN.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APVD RSPTR APPROPRIATE FOR EXPSR OF CONCERN . OBS OSHA REG FOR RSPTR USE (29 CFR 1910.134).

OUTDOORS:NIOSH APVD RSPTR FOR PAINT, ENAMEL MISTS & ORGANIC VAPORS. RSTR VENT AREAS:APVD CH EM/MECH FLTR DSGN TO RMV (SEE SUPP DATA)

Ventilation:VENTILATION APPROPRIATE FOR CONDITIONS OF USE.CONSLT INDUSTRIAL HYGIENIST/SAFETY SPECIALIST FOR SPECIFIC GUIDANCE

Protective Gloves:NEOPRENE, RUBBER, POLYETHYLENE, COTTON

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:USE LONG SLEEVE & LONG LEG CLOTHING. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE. DO NOT REUSE CONTAMINATED CLTHG.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM. SMOKE IN SMOKING AREA ONLY.

Supplemental Safety and Health

PH & CARCINOGENITY: FP N. BP:(76C-156C). RESP PROT:A COMB OF PARTICULATES & VAPOR. CONF AREAS:APVD AIR LINE TYPE RSPTR OR HOODS (MFR).

Chemical Properties

Boiling Pt:B.P. Text:168F-313F

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:N/K

Vapor Pres:N/K

Vapor Density:HTA

Spec Gravity:N/K

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:N/K

Appearance and Odor:N/K

Percent Volatiles by Volume:64.19

Corrosion Rate:

Stability

Stability Indicator/Materials to Avoid:YES

ACIDS & BASES

Stability Condition to Avoid:ELEVATED TEMPERATURES.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

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