

DEFT, INC -- 03GN137C CAT, MIL-C46168, O. DRAB, TYPE II -- 8010-01-144-9875

===== Product Identification =====

Product ID:03GN137C CAT, MIL-C46168, O. DRAB, TYPE II

MSDS Date:11/16/1985

FSC:8010

NIIN:01-144-9875

MSDS Number: BGNVG

=== Responsible Party ===

Company Name:DEFT, INC

Address:17451 VON KARMAN

City:IRVINE

State:CA

ZIP:92714

Info Phone Num:714 474 0400

Emergency Phone Num:714 474 0400

CAGE:5M511

=== Contractor Identification ===

Company Name:DEFT, IN

C.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

Company Name:DEFT, INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Phone:714-474-0400

CAGE:5M511

===== Composition/Information on Ingredients =====

Ingred Name:1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS:822-06-0

RTECS #:MO1740000

Fraction by Wt: 75%

Other REC Limits:TLV=0.02 PPM

ACGIH TLV:0.005 PPM; 9192

EPA Rpt Qty:1 LB

DOT Rpt

Qty:1 LB

Ingred Name:N-BUTYL ACETATE (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 15%  
Other REC Limits:N/K  
OSHA PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 15%  
Other REC Limits:N/K  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====  
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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:(SEE EFFECTS OF OVEREPOSURE)  
Explanation of Carcinogenicity:N/A  
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. CHRO NIC:REPEATED OV  
EREXPOSURE MAY RESULT INALLERGIC  
SENSITIVITY  
Medical Cond Aggravated by Exposure:RESPIRATORY TRACT IRRITATION  
DERMITITIS, NAUSEA, VOMITING.

===== First Aid Measures =====

First Aid:VAPORS:REMOVE FROM EXPOSURE, RESTORE BREATHING, KEEP WARM &  
QUITE, NITIFY A PHYSICIAN. SPLASH(EYES):FLUSH IMMED W/PLENTY OF  
WATER FOR 15 MINUTES,TAKE TO A PHYSICIAN FOR MEDICAL ATTEMTION.  
SPLASH(SKIN) :WASH AFFECED AREAS WITH WATER. REMOVE CONTAMINATED  
CL

OTHING, CONSULT A PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:73 F (23 C)

Lower Limits:1.0

Upper Limits:N/K

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

Fire Fighting Procedures:USE NIOSH/MSHA APVD SCBA & FULL PROT EQPT USE  
PROT EQPT & SCBA. H\*2O FOG MAY BE USED TO COOL CNTNR TO PVNT PRESS  
BUILD-UP IN CLOSED CONTAINERS.

Unusual Fire/Explosion Hazard:KEEP CNTNR TIGHTLY CL. ISOLL 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 Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION (FLAME, HOT  
SURFACES, SPARK SOURES). AVOID BREATHING VAPORS. CONTAIN & REMOVE  
WITH INERT ABSRPBENT & NON-SPARKING TOOLS.

Neutralizing Agent:N/K

===== Handling and Storage =====

Handling and Storage Precautions:KEEP C

NTNR TIGHT & UPRIGHT TO PVNT

LKG. DO NOT ST OR USE NEAR HEAT, SPK, OR FLAME. ST ONLY IN WELL  
VENT AREAS. PVNT PRLNG/RPTD BRTHING OF VAPOR OR SPA

Other Precautions:RY MIST ALLERGIC RCTN. IF MSTRE ENTR CNTNR, PRESS  
(SUPP DATA)

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROPRIATE FOR EXPSR OF CONCERN .  
OBS OSHA REG FOR RSPTR USE (29 CFR 1910.134). OUTDOORS:NIOSH APVD  
RSPTR FOR PAINT, LACQUER, ENAMEL MISTS & ORGANIC V

APORS. RSTR VENT

AREAS:APVD CHEM /MECH FLTR DSGN TO (SUPP DATA)

Ventilation:VENTILATION APPROPRIATE FOR CONDITIONS OF USE.CONSULT  
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 EATINF

, SMOKING OR USING  
WASHROOM. SMOKE IN SMOKING AREA ONLY.  
Supplemental Safety and Health  
PH & CARCINOGENITY: FP N. BP: (127C-137C. OTHER PREC:CAN BUILD UP DUE  
TO REACTION PRODUCING CO\*2 WHICH CAN CAUSE A SEALED CNTNR T BURST.  
RESP PROT:RMV A COMB OF PARTICULATES & VAOR. CONF AREAS: APVD A IR  
LINE TYPE RSPRT OR HOODS (MFR). CONTANER SIZE:1 GAL.KEY1:F4.

===== Physical/Chemical Properties =====

HCC:F3  
Boiling Pt:B.P. Text:260F-279F  
Melt/Freeze Pt:M.P/F.P  
Text:N/K  
Decomp Temp:Decomp Text:N/K  
Vapor Pres:N/K (FP N  
Vapor Density:HTA  
Spec Gravity:N/K  
Evaporation Rate & Reference:SLOWER THAN ETHER  
Appearance and Odor:N/K  
Percent Volatiles by Volume:30.46  
Corrosion Rate:

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
WATER, ALCHOLS, AMINES, STRONG BASE, METAL COMPOUNDS OR SURFACE ACTIVE  
MATERIALS.  
Stability Condition to Avoid:CONTACT WITH MOISTURE & MATERIALS WHICH  
REACT  
WITH ISOCYANATES, HIGH TEMPERATURE.  
Hazardous Decomposition Products:(FIRE):CO\*2, CO, OXIDES OF NITROGEN,  
TRACES OF HCN, HDI.

===== Disposal Considerations =====

Waste Disposal Methods:STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA  
1910.106. AVOID STORING NEAR HIHG TEMPERATURES, FIRE, OPEN FLAMES,  
SPARK SOURCES.

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