

DEFT INC -- COMP B, MIL-P-53030 PC 44W007 CAT -- 8010-01-193-0520

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

Product ID:COMP B, MIL-P-53030 PC 44W007 CAT

MSDS Date:06/30/1992

FSC:8010

NIIN:01-193-0520

Kit Part:Y

MSDS Number: BQYLJ

=== Responsible Party ===

Company Name:DEFT INC

Address:17451 VON KARMAN AVENUE

City:IRVINE

State:CA

ZIP:92714

Country:US

Info Phone Num:714-474-0400

Emergency Phone Num:714-47

4-0400 800-424-9300(CHEMTREC)

Preparer's Name:MIKE SMITH

CAGE:33458

=== Contractor Identification ===

Company Name:DEFT INC

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714-6205

Country:US

Phone:800 424-9300

CAGE:33458

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

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

Ingred Name:NITROETHANE

CAS:79-24-3

RTECS #:KI5600000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM

Ingred Name:8&10 AROMATIC HYDROCARBON  
CAS:64742-95-6  
Fraction by Wt: < 5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC: 219 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: VAPORS IRRITATING TO EYES,

NOSE, & THROAT. INHALATION: HEADACHES, DIFFICULT BREATHING, LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT MAY CAUSE DRYING & CRACKING OF SKIN, DUE TO DEFATTING ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.

Effects of Overexposure:INHALE: IRRITAT.RESPIRATORY TRACT & ACUTE NERVOUS SYS.DEPRESSION CHARACT.HEADACHE,DIZZINESS,STAGGERING GAIT,UNCONSCIOUSNESS/COMA.SKIN&EYE: IRRITATION.SWELLING,REDNESS,RASH LIQUID,AREOSOLS,VAPORS CAUSE,TE

ARING,STINGING SENSATION.DRYING/CRACKING CAUSED BY DEFATTING.INGESTION: CORROSIVE MOUTH,STOMACH DIGESTIVE TRACT. Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMITITIS.

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===== First Aid Measures =====  
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First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION NEEDED. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP & MAY BE IMMEDIATE/DELAYED. GET MEDICAL ATTENTION. SKIN: REMOVE & WASH CONTAMINATED CLOTHING BE FORE REUSE.WASH AFFECTED AREAS W/SOAP/H2O. EYES: FLUSH W/H2O FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO UNCONSCIOUS PERSON. GET MEDICAL ATTENTION

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===== Fire Fighting Measures =====  
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Flash Point Method:TCC  
Flash Point:87.0F,30.6C  
Lower Limits:1.00  
Extinguishing Media:FOAM, DRY CHEMICAL, WATER FOG, ALCOHOL FOAM, CO2.  
Fire Fighting Procedures:FIRE FIGHTING EQUIPME

NT WITH SCBA & FULL

PROTECTIVE CLOTHING. WATER USED TO COOL CLOSED CONTAINERS TO PREVENT PRESURE BUILD-UP, AUTO IGNITION OR EXLOSION.

Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT,SPARKS,ELECTRICAL STATIC,FLAMES.CONTAINERS EXPLODE EXPOSED TO HEAT.OVEREXPOSURE DECOMPOSITON PRODUCTS HEALTH HAZARD.SYMPTOMS NOT IMMED.APPAR.

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES). VENTILATE AREA CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

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

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106 AVOID STORING NEAR HIGH TEMPERATURES, FIRE, FLAMES, SPARKS. STORE IN WELL VENTILATED AREA.

Other Precautions:TIGHT/UPRIGHT CONTAINERS. PROLONGED BREATHING OF VAPORS/MIST. PROLONGED OVEREXPOSURE A LLERGIC REACTION. DO NOT TAKE INTERNALLY. WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM. SMOKE IN DESIGNATED AREAS ONLY. AVOID SKIN & EYE CONTACT.

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

Respiratory Protection:RESPIRATOR RECOMMENDED/APPROVED USE IN AN ORGANIC VAPOR ENVIRONMENT. (AIR PURIFYING/FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE. VENTILATION PROVIDED KEEP EXPOSURE LE VELLS BELOW THE OSHA PERMISSIBLE LIMITS.

Ventilation:KEEP THE AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS/MIST BELOW TLV'S. REMOVE ALL IGNITION SOURCES (HEAT,SPARKS,FLAMES).

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE.

Eye Protection:SAFETY GLASSES, CHEMICAL GOGGLES.

Other Protective Equipment:USE LONG SLEEVE & LONG LEG CLOTHING RECOMMENDED. REMOVE & WASH ALL CONTAMINATED CLOTHING BEFORE REUSE. EYES: FACE SHIELD

Supplemental Safety and Health

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

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HCC:F3

Boiling Pt:B.P. Text:237 TO 335F

Vapor Density:> AIR

Spec Gravity:1.12845

Evaporation Rate & Reference:0.96

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:21.8

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS AND STRONG LEWIS OR MINERAL ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES,  
AVOID UNCON

TROLLED REACTIONS WITH AMINES.

Hazardous Decomposition Products:HIGH HEAT/TEMPERATURE: CARBON

MONOXIDE, CARBON DIOXIDE, & OXIDES OF NITROGEN. ALDEHYDES & ACIDS  
FORMED DURING COMBUSTION

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

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH  
FEDERAL, STATE, & LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY  
CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE &  
FLAMMABLE VAPOR DO NOT INCINERATE CLOSED CONTAINERS.

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