

DEFT, INC. -- MIL-C-85285B,15044,TYPE I -- 8010-01-329-6304

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

Product ID:MIL-C-85285B,15044,TYPE I

MSDS Date:07/08/1997

FSC:8010

NIIN:01-329-6304

Status Code:A

MSDS Number: CKWZS

=== Responsible Party ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Info Phone Num:949-474-0400

Emergency Phone Num:(800)424-9300

Ch

emtrek Ind/Phone:(800)424-9300

CAGE:33461

=== Contractor Identification ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

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

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:10.

OSHA PEL:150 PPM

OSHA STEL:200 PPM

ACGIH TLV:150 PPM

ACGIH STEL:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL 3-ETHOXYPROPANOATE

CAS:763

-69-9  
RTECS #:UF3325000  
= Wt:10.

Ingred Name:XYLENE  
CAS:1330-20-7  
RTECS #:ZE2100000  
&lt; Wt:1.  
OSHA PEL:100 PPM  
OSHA STEL:150 PPM  
ACGIH TLV:100 PPM  
ACGIH STEL:150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLBENZENE  
CAS:100-41-4  
RTECS #:DA0700000  
&lt; Wt:1.  
OSHA PEL:100 PPM  
OSHA STEL:125 PPM  
ACGIH TLV:100 PPM  
ACGIH STEL:125 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ANTI FLOAT AGENT  
CAS:1317-65-3  
RTECS #:EV9580000  
&lt; Wt:1.  
OSHA PEL:10 MG/M3  
ACGIH TLV:10 MG/M  
3

Ingred Name:TOLUENE  
CAS:108-88-3  
RTECS #:XS5250000  
&lt; Wt:1.  
OSHA PEL:100 PPM  
OSHA STEL:150 PPM  
ACGIH TLV:100 PPM  
ACGIH STEL:100 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:2,4-PENTANEDIONE  
CAS:123-54-6  
RTECS #:SA1925000  
&lt; Wt:5.

Ingred Name:BUTYL CARBITOL ACETATE  
CAS:124-17-4  
RTECS #:KJ9275000  
&lt; Wt:5.

Ingred Name:METHYL N-AMYL KETONE  
CAS:110-43-0  
RTECS #:MJ5075000  
= Wt:20.

; Wt.:1  
OSHA PEL:50 PPM  
ACGIH TLV:50 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:FLOW AGENT  
CAS:26376-86-3  
&lt; Wt:1.

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Health Hazards Acute and Chronic:ACUTE: VAPORS ARE IRRITATING TO EYES,  
NOSE AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT  
BREATHING AND LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT  
WILL CAUSE DRYING AND CRACKING OF  
THE SKIN, DUE TO DEFATTING  
ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY  
DEVELOP.

Effects of Overexposure:SKIN ABSORPTION: PROLONGED OR REPEATED CONTACT  
CAN CAUSE THE SKIN TO CRACK.INHALATION: IRR. OF THE RESPIRATORY  
TRACT AND ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY  
HEADACHE,DIZZINESS,STAGGERING GAIT,CONFUSION.SKIN:ISOCYANATES  
REACT WITH SKIN PROTIEIN AND MOISTURE AND CAN CAUSE IRR.SYMPTOMS MAY  
BE SWELLING, REDNESS AND RASH.EYES:LIQUID AREOSOLS OR VAPORS ARE  
IRR AND MAY CAUSE TEARING, REDNESS AND SWELLING ACCOMPANIED BY A  
STINGING SENSATION. INGESTION: CAN RESULT IN IRR. AND POSSIBLE  
CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.  
VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT, RESULTING IN  
CHEMICAL PNEUMONIA.

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: MOVE TO AN AREA FREE FROM RISK OF FURTHER  
EXPOSURE. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP  
AND MAY BE IMMEDIATE OR DELAYED BY SEVERAL HOURS. OBTAIN MEDICAL  
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS  
THROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING THROUGHLY  
BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER FOR AT LEAST 15  
MINUTES, OCCASIONALLY LIFTING EYELIDS. OBTAIN MEDICAL ATTENTI

ON.

INGESTION: CO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=7.2C, 45.F

45F

Lower Limits:0.76

Upper Limits:11.40

Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, WATER SPRAY

Fire Fighting Procedures:FULL FIRE FIGHTING EQUIPMENT WITH SCBA AND FULL PROTECTIVE CLOTHING SHOULD BE WORN BY FIRE FIGHTERS. WATER MAY

BE USED TO COOL CLOSED CONTAINERS TO PROVENT PRESSURE BUILD-UP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONT TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIP AND OPEN FLAME. CLOSED CONT MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMM APPARENT.

===== A  
ccidental Release Measures =====

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION. 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. AVOID STORING NEAR HIGH TEMPERATURES, FIRE, OPEN FLAMES AND SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS.

STORE IN WELL VENTILATED AREAS.

Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT TO PREVENT LEAKAGE. PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. DO NOT HANDLE TILL ALL PRECAUTIONS HAVE BEEN READ. WASH HANDS AFTER HANDLING.

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

Respiratory Protection:A RESPIRATOR THAT IS APPROVED FOR AN ORGANIC ENVIRONMENT.

Ventilation:EXHAUST

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection

ction:SPLASH GUARDS OR SIDE SHIELDS CHEMICAL GOGGLES OR FACE SHIELDS.

Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

Boiling Pt.=107.8C, 226.F  
B.P. Text:226-475 DEG F  
Vapor Density:+ AIR  
Spec Gravity:1.11885  
VOC Pounds/Gallon:333  
Viscosity:THIN LIQUID TO HEAVY  
Evaporation Rate & Reference:N-B  
UTYL ACETATE 0.42  
Solubility in Water:INSOLUABLE  
Appearance and Odor:BLUE LIQUID WITH SOLVENT ODOR  
Percent Volatiles by Volume:36.9

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS OR OPEN FLAMES  
Hazardous Decomposition Products:BY HIGH HEAT/ TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN.

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

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

===== Regulatory Information =====

SARA Title III Information:XYLENE, ETHYL BENZENE, TOULENE  
State Regulatory Information:CALIFORNIA PROP 65 TOULENE

===== Other Information =====

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