

DEFT, INC. -- MIL-PRF-85285C(MIL-C-85285B) -- 8010-01-322-6624

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

Product ID:MIL-PRF-85285C(MIL-C-85285B)

MSDS Date:05/30/2000

FSC:8010

NIIN:01-322-6624

Status Code:A

MSDS Number: CLQNR

=== 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:800-424-93

00

Preparer's Name:ERNEST CARTER

Chemtrec 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

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

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:10.

OSHA PEL:710 MG/M3;150 PPM

ACGIH TLV:713 MG/M3;150 PPM

ACGIH STEL:950 MG/M3;200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LB

S

Ingred Name:ETHYL 3-ETHOXYPROPIONATE
CAS:763-69-9
RTECS #:UF3325000
< Wt:5.

Ingred Name:PROPRIETARY
< Wt:1.

Ingred Name:XYLENE
CAS:1330-20-7
RTECS #:ZE2100000
< Wt:1.
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:651 MG/M3;150 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYLBENZENE
CAS:100-41-4
RTECS #:DA0700000
< Wt:.1
OSHA PEL:435 MG/M3;100 PPM
ACGIH TLV:434 MG/M3;100 PPM
ACGIH STEL:543 MG/M3;125 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOBUTYL ALCO
HOL
CAS:78-83-1
RTECS #:NP9625000
< Wt:.1
OSHA PEL:300 MG/M3;100 PPM
ACGIH TLV:152 MG/M3;50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ANTI-FLOAT AGENT
CAS:1317-65-3
Code:F
RTECS #:EV9580000
< Wt:1.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:METHYL ETHYL KETONE
CAS:78-93-3
RTECS #:EL6475000
= Wt:5.
OSHA PEL:590 MG/M3;200 PPM
ACGIH TLV:590 MG/M3;200 PPM
ACGIH STEL:885 MG/M3;300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ANTI MAR AGENT
< Wt:.1

d Name:FLOW AGENT

CAS:26376-86-3

Code:F

< Wt:1.

Ingred Name:DIBUTYLTIN DILAURATE

CAS:77-58-7

RTECS #:WH7000000

< Wt:.1

Ingred Name:2,4-PENTANEDIONE

CAS:123-54-6

RTECS #:SA1925000

< Wt:5.

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

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

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

Health Hazards Acute and Chronic:VAPORS ARE IRRITATING TO EYES, NOSE,
AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING AND

LOSS OF CONSCIOUSNESS. 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:INHALATION: IRRITATION OF THE RESPIRATORY TRACT & ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS HEADACHE, DIZZINESS, STAGGERING GAIT. SKIN: CONTACT WITH THE SKIN CAN CAUSE IRRITATION. SYMPTOMS MAY BE SWELLING, R

EDNESS, AND RASH. EYES:LIQUID, AEROSOLS, OR VAPORS ARE IRRITATING AND MAY CAUSE TEARING, REDNESS, AND SWELLING ACCOMPANIED BY A STINGING SENSATION.SKIN ABSORPTION: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DRYING. AND DEFATTING OF THE SKIN WHICH CAN CAUSE THE SKIN TO INGESTION: CAN RESULT IN CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

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

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 THOROUGHLY WITH SOAP AND WATER.WASH CONTAMINATED CLOTHING THOROUGHLY BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKE WARM W

ATER

(LOW PRESSURE) FOR AT L EAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. INGESTION: DO NOT INDUCE VOMITING.

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

Flash Point Method:TCC

Flash Point:=-5.C, 23.F

Lower Limits:1.00%

Upper Limits:11.40%

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

Fire Fighting Procedures:FULL FIRE FIGHTING EQUIPMENT WITH SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD

BE WORN BY FIRE FIGHTERS. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUIL D UP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME . CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT AURFACES REQUIRES SPECIA L PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

===== 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, OPEN FLAMES, AND SPARK SOURCES.STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN WELL VENTILATED AREAS.

Other Precautions:KEEP CONTAINERS TIGHT AND UPRIGHT TO PREVENT LEAKAGE. PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. PROLONGED OVEREXPOSURE MAY CAUSE AN ALLERGIC REACTION. WASH HANDS BEFORE EATING, SMOKING, O R USING WASHROOM. SMOKE IN SMOKING AREAS ONLY.

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

Respiratory Protection:IF TLV LIMITS CAN BE

MAINTAINED AND DOCUMENTED

BELOW THE OSHA/ACGIH LIMITS, AN AIR SUPPLIED RESPIRATOR MAY NOT BE REQUIRED. HOWEVER, OTHER OSHA/NIOSH APPROVED RESPIRATORS MAY BE USED. A RESPIRATOR THAT IS RECOMMENDED.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS OR MISTS BELOW THEIR RESPECTIVE TLV'S MUST BE UTILIZED.

Protective Gloves:PROTECTIVE GLOVES ARE RECOMMENDED (COTTON, NEOPRENE, RUBBER POLYETHYLENE) TO PROTECT

Eye Protection: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:B.P. Text:175-401 DEG F

Vapor Density:HEAVIER

Spec Gravity:1.31212

VOC Pounds/Gallon:297

Viscosity:THIN LIQUID TO HEAVY

Evaporation Rate & Reference:1.84 X BUTYL ACETATE

Solubility

in Water:INSOLUBLE

Appearance and Odor:GRAY LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:33.6%

===== 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:CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

erations =====

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.