

DEFT, INC. -- MIL-C-46168D, TY II, AIRCRAFT, 03GN119 -- 8010-01-141-2420  
===== Product Identification =====

Product ID:MIL-C-46168D, TY II, AIRCRAFT, 03GN119

MSDS Date:03/15/1989

FSC:8010

NIIN:01-141-2420

Kit Part:Y

MSDS Number: BHNFN

=== 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 P

hone Num:714-474-0400

CAGE:DO188

=== 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

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92714

Phone:800-424-9300

CAGE:DO188

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

Ingred Name:PROPANOIC ACID, 3-ETHOXY-ETHYL ESTER

(V P 0.7 MMHG)

CAS:763-69-9

RTECS #:UF3325000

Fraction by Wt

: 10%.  
OSHA PEL:UNDETERMINED  
ACGIH TLV:UNDETERMINED

Ingred Name:N-BUTYL ACETATE (SARA III)  
CAS:123-86-4  
RTECS #:AF7350000  
Fraction by Wt: 25%.  
OSHA PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: 10%.  
OSHA PEL:100 PPM/75 STEL  
ACGIH TLV:50 PPM/75 STEL; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:PROPYLENE GLYCOL METHYL ETHER ACETATE

(V P 3.8 MMHG)  
CAS:108-65-6  
RTECS #:AI8925000  
Fraction by Wt: < 0.1%  
OSHA PEL:UNDETERMINED  
ACGIH TLV:UNDETERMINED

Ingred Name:DIBUTYTIN DILAURATE (V P 0.2 MM HG)  
CAS:77-58-7  
RTECS #:WH7000000  
Fraction by Wt: < 0.1%  
ACGIH TLV:.1 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:VAPORS ARE IRRITATING TO EYES, NOSE, &  
TH

ROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING & LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT WILL CAUSE DRYING & CRACKING OF THE SKIN, DUE TO DEFATTING ACTION. SKIN SENSITIZATION ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP  
Effects of Overexposure: INHAL: IRRITATION OF RESPIRATORY TRACT, ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY; PROGRESSIVE STEPS: HEADACHE, DIZZINESS, STAGGER GAIT, CONFUSION, UNCONSCIOUS OR COMA. SKIN: IRRITATION, SWELLING, RED RASH, ABSORPTION-MODIFIED IRRITATION, DRY, DEGRADATION. EYES: IRRITATION, TEAR, RED, SWELL, STINGING. INGESTION: IRRITATION & CORROSIVE ACTION MOUTH, STOMACH TISSUE, DIGESTIVE TRACT, ASPIRATION  
Medical Conditions Aggravated by Exposure: ASTHMA & ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS

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

First Aid: INHAL: MOVE TO FRESH AIR. RESTORE BREATH. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES. WASH AFFECTED AREAS THOROUGHLY WITH SOAP & WATER. LAUNDRY CLOTHES BEFORE REUSE.  
EYES: FLUSH WITH CLEAN WATER 15 MIN. LIFTING LIDS. SEEK MEDICAL ATTENTION.  
INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Method: TCC  
Flash Point: 60 F / 15.56 C  
Lower Limits: 1.05  
Extinguishing Media: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG  
Fire Fighting Procedures: FULL FIRE FIGHTING EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING SHOULD BE WORN.  
WATER TO COOL CLOSED CONTAINER PREVENT BUILD-UP/EXPLOSION  
Unusual Fire/Explosion Hazard: KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARK, ELECTRICAL EQUIPMENT & OPEN FLAME, MAY EXPLODE FROM EXTREME HEAT. OVEREXPOSURE TO DECOMPRESSION MAY CAUSE HEALTH HAZARDS

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

Spill Release Procedures: EVACUATE ALL NON-ESSENTIAL PERSONS. REMOVE ALL SOURCES OF IGNITION. VENT AREA. CONTAIN & REMOVE WITHINERT ABSORB

ENT & NON-SPARKING TOOLS. REMOVE ALL FLAME, SPARK SOURCES,  
HOT SURFACES.

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

Handling and Storage Precautions:STORE IN BLDG DESIGNED TO COMPLY WITH  
OSHA. AVOID STORING NEAR HIGH TEMP, FIRE, OPEN FLAMES, AND SPARK  
SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS.

Other Precautions:STORE IN WELL VENTILATED AREAS. KEEP CONTAINERS TIGHT  
& UPRIGHT. PREVENT PROLONGBREATHING OF VAPORS/SPRAY  
MISTS/OVEREXPOSURE. DO NOT TAKE  
INTERNALLY. DO NOT HANDLE UNTIL  
MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ & UNDERSTOOD.

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

Respiratory Protection:RESPIRATOR THAT IS RECOMMENDED/APPROVED FOR USE  
IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR  
SUPPLIED) IS NECESSARY. OBSERVE OSHA REG FOR RESPIRATOR USE. VENT  
PROVIDED TO KEEP EXPOSURE LEVELS BELOW LIMITS PERMISSIBLE (OSHA)

Ventilation:EXHAUST VENT SUFFICIENT TO KEEP AIRBORNE CON  
CENTRATE OF

VAP- OR/MISTS BELOW RESPECTIVE TLV'S. REMOVE ALL IGNITION SOURCE

Protective Gloves:NEOPRENE, RUBBER, POLYETHYLENE GLOVES

Eye Protection:SAFETY GLASSES/SPLASH GUARD/SIDE SHIELD

Other Protective Equipment:AND/OR CHEMICAL GOGGLES. USE LONG SLEEVE &  
LONG LEG CLOTHINGREMOVE AND WASH CONTAMINATED CLOTHING BEFORE  
REUSE.

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

Supplemental Safety and Health  
NK

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

HCC:F2

Boiling Pt:B.P. Text:205-338 F

Vapor Density:> AIR

Evaporation Rate & Reference:0.78 X N-BUTYL ACETATE

Appearance and Odor:GREEN LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:59.5

=====  
===== 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 HIG

H HEAT/TEMPERATURE: CARBON  
MONOXIDE, CARBON DIOXIDE, &OXIDES OF NITROGEN

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FED, STATE & LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE & FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS. OBSERVE ALL PRECAUTIONS.

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.