

DEFT, INC. -- COMP B, MIL-P-85582B, TY II, C1 -- 8010-01-218-0857

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Product Identification  
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Product ID:COMP B, MIL-P-85582B, TY II, C1

MSDS Date:06/30/1992

FSC:8010

NIIN:01-218-0857

Status Code:A

MSDS Number: CLLYV

=== 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

Preparer's Name:HENRY SIMMONS

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

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Composition/Information on Ingredients  
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Ingred Name:NITROETHANE

CAS:79-24-3

RTECS #:KI5600000

= Wt:15.

OSHA PEL:310 MG/M3;100 PPM

ACGIH TLV:307 MG/M3;100 PPM

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: VAPORS ARE IRRITATING TO EYES,  
NOSE, AND THROAT. INHALATION MAY CAUSE HEADACHE, 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:INHALATION  
: IRRITATION OF THE RESPIRATORY TRACT  
& ACUTE NERVOUS SYSTEM DEPRESSION. SKIN AND EYE CONTACT: CONTACT  
WITH THE SKIN CAN CAUSE IRRITATION. SYMPTOMS MAY BE SWELLING,  
REDNESS, AND RASH. EYES: LIQUID, AEROSOLS OR VAPORS ARE IRRITATING  
AND MAY CAUSE TEARING, REDNESS, AND SWELLING ACCOMPANIED BY A  
STINGING SENSATION. SKIN ABSORPTION: PROLONGED AND REPEATED CONTACT  
CAN CAUSE MODERATE IRRITATION, DRYING, AND DEFATTING OF THE SKIN  
WHICH CAN CAUSE THE SKIN TO CRACK. INGESTION:

INHALATION: CAN RESULT IN  
IRRITATION AND POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH  
TISSUE AND DIGESTIVE TRACT.

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

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===== 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  
CONDITION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS  
THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHES BEFORE  
REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER (LOW PRESSURE) FOR AT  
LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. OBTAIN MEDICAL  
ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING  
TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Me

thod:TCC

Flash Point:=30.6C, 87.F

Lower Limits:3.40%

Upper Limits:0.00%

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

Fire Fighting Procedures:FULL FIRE FIGHTING EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE WORN BY FIRE FIGHTERS. WATER MAY USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-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 SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURES 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 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. AVOID CONTACT WITH SKIN AND EYES. DO NOT TAKE INTERNALLY. DO NOT HANDLE UNTIL THE MANUFACTURERS SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR USED IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIR

ATOR  
USE.

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

Eye Protection:SPLASH GUARDS OR SIDE SHIELDS, CHEMICAL GOGGLES OR FACE  
SHIELD.

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

Supplemental Safety and Health

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

Boiling Pt:=113.9C, 237.F

B.P. Text:237-300F

Vapor Density:> AIR

Spec Gravity:1.14406

VOC Pounds/Gallon:181

VOC Grams/Liter:9.53

Viscosity:THIN TO HEAVY MATERIAL

Evaporation Rate & Reference:1.27 X N-BUTYL ACETATE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:17.7%

===== 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 UNCONTROLLED REACTIONS WITH AMINE.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AND  
OXIDES OF NITROGEN. ALDEHYDES AND ACIDS MAY BE FORMED DURING  
COMBUSTION.

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

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH  
FEDERAL, STATE, AND LOCAL ENVI

ENVIRONMENTAL CONTROL REGULATIONS. EMPTY  
CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE AND  
FLAMMABLE VAPOR. DO NOT INCINERATE CLOSED CONTAINERS.

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