

DEFT INC -- COMP B, PN 44GN007CAT -- 8010-01-218-0857

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

Product ID:COMP B, PN 44GN007CAT

MSDS Date:06/30/1992

FSC:8010

NIIN:01-218-0857

Kit Part:Y

MSDS Number: BRHCG

=== 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:714-474-0400 800-424-9300(CHEM TREC)

Preparer's Name:NORM GAUL

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 (VAPOR PRESSURE 20.9 MM HG @ 77F)

CAS:79-24-3

RTECS #:KI5600000

Fraction b

y Wt: 15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM

Ingred Name:VOC: 187 G/L  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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===== 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:ACUTE: VAPORS IRRITATING EYES, NOSE, &  
THROAT. INHALATION CAUSE HEADACHES, DIFFICULT BREATHING & LOSS OF  
CONSCIOUSNESS. INGEST  
ION: IRRITATION. CORROSIVE ACTION IN MOUTH,  
STOMACH & DIGESTIVE TRACT. VOM ITING CAUSE ASPIRATION OF THE  
SOLVENT, RESULTING IN CHEMICAL PNEUMONITIS. SKIN SENSITIZATION,  
ASMTHMA/ALLERGIC RESPONSES  
Effects of Overexposure:INHALATION: IRRITATION. HEADACHE, DIZZINESS,  
STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN/EYE:  
IRRITATION. SWELLING, REDNESS, RASH. EYES: LIQUID, AREOSOLS,  
VAPORS; CAUSE TEARING, REDNESS, SWELLING, STINGING SENSAT. SKIN:  
PROLONGED CONTACT  
WILL CAUSE DRYING & CRACKING OF THE SKIN, DUE TO  
DEFATTING ACTION.  
Medical Cond Aggravated by Exposure:ASTHMA AND ANY OTHER RESPIRATORY  
DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. ASTHMATIC  
TYPE SYMPTOMS MAY DEVELOP MAY BE IMMED OR DELAYED. GET MEDICAL  
ATTENTION. SKIN: WASH AFFECTED AREAS WITH SOAP & WATER. EYES: FLUSH  
WITH CL EAN LUKEWA  
RM WATER (LOW PRESSURE) FOR 15 MINUTES,  
OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTION: DO  
NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON.  
GET MED ATTEN.

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

Flash Point Method:TCC  
Flash Point:87.0F,30.6C  
Lower Limits:3.40 %  
Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.  
Fire Fighting Procedures:FULL FIRE FIGHTING EQUIPMENT WITH SCBA. WATER  
MAY BE USED TO

COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP,  
AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS EXPLODE EXPOSED TO  
EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL  
PRECAUTIONS. DURING EMERG CONDIT OVEREXPO DECOMP PROD HEALTH HAZ

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

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

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

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY  
W/OSHA 1910.106. STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN WELL  
VENTILATED AREAS. AVOID STORING NEAR ALL HEAT

Other Precautions:PREVENT LEAKAGE. PREVENT BREATHING VAPORS OR SPRAY  
MISTS. OVEREXPOSURE CAUSE ALLERGIC REACTION. AVOID CONTACT WITH  
SKIN & EYES. DON'T I

NGEST. DON'T HANDLE UNTIL THE MANUFACTURERS  
SAFETY PRECAUTIONS HA VE BEEN READ & UNDERSTOOD.

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

Respiratory Protection:RESPIRATOR RECOMMENDED/APPROVED FOR USE IN AN  
ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS  
NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE. VENT AREA  
TO KEEP EXPOSURE LEVE LS BELOW THE OSHA PERMISSIBLE LIMITS.

Ventilation:EXHAUST VENTILATION TO KEEP AIRBORNE CONCENT. O  
F SOLVENT

VAPORS/MISTS BELOW THEIR RESPECTIVE TLV'S MUST BE UTILIZED.

Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

Eye Protection:CHEMICAL GOGGLES, FULL-FACE SHIELD.

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

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

Supplemental Safety and Health

===== Physical/Chem

ical Properties =====

Boiling Pt:B.P. Text:237 TO 300F

Vapor Density:> AIR

Spec Gravity:1.14406

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 TEMPERATURE

S, SPARKS, OR OPEN FLAMES.

AVOID UNCONTROLLED 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  
LOCAL, STATE & FEDERAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY  
CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RE  
SIDUE AND

FLAMMABLE VAPOR DO NOT INC INERATE CLOSED CONTAINERS.

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