

DEFT, INC. -- COMP A,MIL-P-53030 -- 8010-01-193-0519

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

Product ID:COMP A,MIL-P-53030
MSDS Date:10/24/1995
FSC:8010
NIIN:01-193-0519
Status Code:A
MSDS Number: CKWWX
=== 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
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

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

Ingred Name:N-BUTYL ALCOHOL
CAS:71-36-3
RTECS #:EO1400000
= Wt:10.
OSHA PEL:50 PPM
ACGIH TLV:50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:C8&10 AROMATIC HYDROCARBONS
CAS:64742-95-6
RTECS #:WF3400000
= Wt:10.

Ingred Name:ZIN

C PHOSPHATE
CAS:7779-90-0
RTECS #:TD0590000
= Wt:15.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:ZINC COMPOUND
CAS:60580-61-2
< Wt:1.

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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:CHRONIC: PROLONGED CONTACT WILL CAUSE
DRYING AND CRACKING OF THE SKIN DUE TO DEFATTING ACTION. SKIN
SENSITIZATION ASTHMA OR OTHER ALLERG
IC RESPONSES MAY DEVELOP.

ACUTE: VAPORS ARE IRRITATING TO THE EYES, NOSE AND THROAT.
INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING AND LOSS OF
CONSCIOUSNESS.

Effects of Overexposure:SKIN ABSORPTION: PROLONGED OR REPEATED CONTACT
CAN CAUSE THE SKIN TO CRACK.INHALATION: IRRITATION OF THE RESPIRATORY
TRACT AND ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY
HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION. SKIN: ISOCYANATES
REACT WITH SKIN PROTEIN AND MOISTURE AND 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. INGESTION: CAN RESULT IN IRRITATION AND POSSIBLE
CORROSIVE ACTION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT.
VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT, RESULTING IN
CHEMICAL PNEUMONIA.

Medical Conditions Aggravated by Exposure: ASTHMA AND ANY 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
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS
THOROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING THOROUGHLY
BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER 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.

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

Flash Point Method:TCC

Flash Point:=-36.1C, 97.F

97 F

Lower Limits:1.00

Upper Limits:11.20

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 PREVENT 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 IMMEDIATELY APPARENT.

===== Accidental 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

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Protective Gloves:COTTON, NEOPRENE, RUBBER, POLYETHYLENE

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:=117.8C, 244.F

B.P. Text:244-335 DEG F

Vapor Density:+ AIR

Spec Gravity:1.63145

VOC Pounds/Gallon:362

Viscosity:THIN LIQUID TO HEAVY

Evaporation Rate & Reference:N-BUTYL ACETATE 0.2

Solubility in Water:INSOLUABLE

Appearance and Odor:WHITE LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:43.6

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS AND STRONG ACIDS, EPOXY RESINS UNDER UNCONTROLLED CONDITIONS.

Stability Condition to Avoid:HIGH TEMPERATURES, EPOXY RESINS UNDER CONTROLLED CONDITIONS.

Hazardou

s Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OXIDES OF NITROGEN

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

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

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

SARA Title III Informatio

n:N-BUTYL ALCOHOL, ZINC COMPOUND

State Regulatory Information:CALIFORNIA PROP 65 STRONTIUM CHROMATE

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

Disclaimer (provided with this information by the compiling agencies):

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