

DEFT, INC. -- COMP A,MIL-P-23377G,TY I, CL C -- 8010-01-416-6557

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

Product ID:COMP A,MIL-P-23377G,TY I, CL C

MSDS Date:07/31/1997

FSC:8010

NIIN:01-416-6557

Status Code:A

MSDS Number: CKWWW

=== 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)4

24-9300

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

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

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

< Wt:5.

OSHA PEL:150 PPM

OSHA STEL:200 PPM

ACGIH TLV:150 PPM

ACGIH STEL:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL N-PROPYL KETO

NE
CAS:107-87-9
RTECS #:SA7875000
= Wt:25.
OSHA PEL:200 PPM
OSHA STEL:250 PPM
ACGIH TLV:200 PPM
ACGIH STEL:250 PPM

Ingred Name:STRONTIUM CHROMATE
CAS:7789-06-2
RTECS #:GB3240000
= Wt:25.
OSHA PEL:1 PPM
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:C8&10 AROMATIC HYDROCARBON
CAS:64742-95-6
RTECS #:WF3400000
< Wt:5.

Ingred Name:N-METHYLPYRROLIDONE
CAS:872-50-4
RTECS #:UY5790000
< Wt:1.

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

Routes of Entry: Inhalation:Y
ES Skin:YES Ingestion:NO
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 HEADACHES, 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
AND ACUTE NERVOUS SYSTEM. DEPRESSION, HEADACHE, DIZZINESS,
STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS, COMA. SKIN AND EYE
CONTACT: SKIN: SWELLING, REDNESS, RASH. EYES: LIQUID, AEROSOLS, OR
VAPORS ARE IRRITATING AND MAY CAUSE TEARING, REDNESS, SWELLING.
SKIN ABSORPTION: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE
IRRITATION, DRYING, DEFATTING. INGESTION: ACUTE: CAN CAUSE
CORROSIVE ACTION IN MOUTH, STOMACH, DIGESTIVE TRACT. VOMITING MAY
CAUSE ASPIRA

TION OF THE SOLVENT RESULTING IN CHEMICAL PNEUMONITIS.

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

===== 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 CLOTHIN

G. WASH AFFECTED AREAS

THROUGHLY WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING THROUGHLY BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER FOR AT LEAST 15 MINUTUES, OCC ASIONALLY LIFTING EYELIDS. OBTAIN MEDICAL ATTENTION. INGESTION: CO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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

Flash Point Method: TCC

Flash Point: =7.8C, 46.F

46F

Lower Limits: 0.90

Upper

Limits: 10.50

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 PROVENT PRESSURE BUILD-UP, AUTO IGNITION OR EXPLOSIO N.

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. DU RING EMERGENCY CONDS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMM 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 an

d 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.

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

Respiratory Protection:A RESPIRATOR THAT IS APPROVED FOR AN ORGANIC ENVIRONMENT.

Ventilation:EXHAUST

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

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

Boiling Pt:=100.6C, 213.F

B.P. Text:213-396 DEG F

Vapor Density:+ AIR

Spec Gravity:1.34814

VOC Pounds/Gallon:361

Viscosity:THIN LIQUID TO HEAVY

Evaporation Rate & Reference:N-BUTYL ACETATE 1.66

Solubility in Water:INSOLUBLE

Appearance and Odor:YELLOW LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:44.8

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

Stability Indicator/Materials to Avoid:YES

WATER, AMINES, STR

ONG BASES, ALCOHOLS, METAL COMPOUNDS AND SURFACE
ACTIVE MATERIALS.

Stability Condition to Avoid: CONTACT WITH MOISTURE, MATERIAL WHICH
REACT WITH ISOCYANATES AND HIGH TEMPERATURES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE AND
OXIDES OF NITROGEN, TRACES OF HCN AND HDI.

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

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

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

SARA Title III Information: STRONTIUM CHROMATE
State Regulatory Information: CALIFORNIA PROP 65 STRONTIUM CHROMATE

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

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