

DEFT, INC. -- MIL-PRF-23377G (MIL-P-23377G) 02Y040 -- 8010-01-416-6556

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Product Identification
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Product ID:MIL-PRF-23377G (MIL-P-23377G) 02Y040

MSDS Date:11/30/1999

FSC:8010

NIIN:01-416-6556

Status Code:A

MSDS Number: CKZHS

=== 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 Phon

e 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

CAGE:33461

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Composition/Information on Ingredients
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Ingred Name:PARACLOROBENZOTRIFLUORIDE

< Wt:5.

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

< Wt:5.

OSHA PEL:710 MG/M3;150 PPM

ACGIH TLV:713 MG/M3;150 PPM

ACGIH STEL:950 MG/M3;200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL N-PROPYL KETONE
CAS:107-87-9
RTECS #:SA7875000
= Wt:25.
OSHA PEL:700 MG/M3;200 PPM
ACGIH TLV:705 MG/M3;200 PPM
ACGIH STEL:881 MG/M3;250 PPM

Ingred Name:STRONTIUM CHROMATE
CAS:7789-06-2
RTECS #:GB3240000
= Wt:25.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:0.0005 MG/M3
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

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

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE. VAPORS ARE IRRITATING TO THE
EYES, NOSE, AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFICULT
BREATHING AND LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT
WILL CAUSE DRYING AND CRACKING OF T HE SKIN, DUE TO

DEFATTING

ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP. REPEATED AND PROLONGED EXPOSURE MAY CAUSE DELAYED INVOLVING THE THE BLOOD, GASTROINTESTINAL, NERVO US AND REPRODUCTIVE SYSTEMS.

Effects of Overexposure:IRRITATION OF THE RESPIRATORY TRACT & ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS: HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN A ND EYE CONTACT: CONTACT WITH THE

SKIN CAN CAUSE IRRITATION. SYMPTOMS MAY BE SWELLING, REDNESS, AND RASH. EYES: LIQUID, AREOSELS, OR VAPORS ARE IRRITATING AND MAY CAUSE TEARING, REDNESS, AND SWELLING A CCOMPANIED BY A STINGING SENSATION. SKIN ABSORPTION : PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION. INGESTION: CAN RESULT IN IRRITATION AND POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMA CH TISSUE AND DIGESTIVE TRACT.

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 CLOTHING. WASH AFFECTED AREAS WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING THOROUGHLY BEFORE REUSE. EYES: FLUSH WITH CLE AN LUKEWARM WATER (LOW PRESSURE) FOR AT LEAST 15 MINUTE S, 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:=7.8C, 46.F

Lower Limits:.90%

Upper Limits:10.50%

Extinguishing Media:FOAM, ALCOHOL, 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 APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE WORN BY FIRE FIGHTERS. WATER MAY BE USED TO COOL 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 OVEREXPOSURE 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 AND 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 1910.106. AVOID STORING NEAR HIGH TEMPERATURES, FIRE OPEN FLAMES, AND OPEN 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 HAS BEEN READ AND UNDERSTOOD.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR USE IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED) IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE. VENTILATION SHOULD BE PROVIDED TO KEEP EXPOSURE LEVELS BELOW THE OSHA PERMISSIBLE LIMITS.

Ventilation:EXH

AUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS OR MISTS BELOW THEIR RESPECRIVE TLV'S MUST BE UTILIZED.

Protective Gloves:PROTECTIVE GLOVES ARE RECOMMENDED (COTTON, NEOPRENE, RUBBER, POLYETHYLENE).

Eye Protection:THE USE OF SAFETY EYEWEAR IS, INCLUDING SPLASH GUARDS.

Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED.

Supplemental Safety and Health

===== Physical/Chemical Properties =====
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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 TO HEAVY MATERIAL

Evaporation Rate & Reference:1.66 X N-BUTYL ACETATE

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

STRONG OXIDIZING AGENTS AND STRONG LEWIS OR MINERAL ACIDS.

St

ability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES.

AVOID UNCONTROLLED REACTIONS WITH AMINES.

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

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

Waste Disposal Methods:WASTE MUST BE DISPOSED IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIROMENTAL CONTROL REGULATIONS. EMPTY

CONTAINERS MUST BE HANDLED IN CARE, DUE TO PRODUCT RESIDUE AND
FLAMMABLE VAPOR, DO NOT INCINERATE CLOSED CONTAINERS

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Regulatory Information
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SARA Title III Information: SARA 313: THIS PRODUCT CONTAINS THE
FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF
SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW
ACT OF 1986 AND OF 40 CFR 372: 78-92-2 SEC BUTYL ALCOHOL
28.47(PERCENT BY WEIGHT)

State Regula

tory Information: PROP 65-CARCINOGENIC WARNING: THIS PRODUCT
CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
CANCER. NONE. PROP 65-TERATOGENIC WARNING: THIS PRODUCT CONTAINS A
CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS
OR OTHER REPRODUCTIVE HARM. NONE. PROP 65-CARCINOGENIC &
TERATOGENIC WARNING: THIS PRODUCT MAY CONTAIN A CHEMICAL TO THE
STATE OF CALIFORNIA TO CAUSE CANCER OR BIRTH DEFECTS OR OTHER
REPRODUCTIVE HARM. NONE.

Discl

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

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