

PUMA TECHNOLOGIES -- THINNER, AIRCRAFT COATING -- 8010-01-165-6760

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Product Identification
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Product ID:THINNER, AIRCRAFT COATING

MSDS Date:03/10/1993

FSC:8010

NIIN:01-165-6760

MSDS Number: BSFST

=== Responsible Party ===

Company Name:PUMA TECHNOLOGIES

Address:100 WEST FULLER

City:FORT WORTH

State:TX

ZIP:75115

Country:US

Info Phone Num:817-927-8888

Emergency Phone Num:800-342-7862

Prepar

er's Name:MAURICE PUMA

CAGE:0BBA1

=== Contractor Identification ===

Company Name:PUMA CHEMICAL CO., INC.

Address:1601 109TH STREET

Box:City:GRAND PRAIRIE

State:TX

ZIP:75050

Country:US

Phone:214-988-3447

CAGE:0BBAI

Company Name:PUMA TECHNOLOGIES

City:FORT WORTH

State:TX

ZIP:76115

Country:US

Phone:817-927-8888

CAGE:0BBA1

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE (SARA III) (EPA WASTE NUMBER U159)

CAS:78-93-3

RTECS #:EL6475000

Fraction by

Wt: 30% MIN
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/STEL 300 PPM
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (EPA WASTE NUMBER U112)
CAS:141-78-6
RTECS #:AH5425000
Fraction by Wt: 30% MIN
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PROPYLENE GLYCOL METHYL ETHER ACETATE
CAS:108-65-6
RTECS #:AI8925000
Fraction by Wt: 20% MIN
Other REC Limits:NONE SPECIFIED

Ingred Name
:TOLUENE (SARA III) (EPA WASTE NUMBER U220)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 12% MAX
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/STEL 150 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE (SARA III) (EPA HAZARDOUS WASTE NUMBER U239)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 8% MAX
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/STEL 150 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== Hazards Iden

tification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:ACUTE; EYE: SEVERE IRRIT. IF NOT
REMOVED PROMPTLY WILL INJURE EYE TISSUE, (PERMANENT DAMAGE). INHAL:
HIGH VAPOR CONCENTRATIONS IRRITATING TO EYES & RESPIRATORY TRACT
(HEADACHE, DIZZINESS, ANESTHETIC, CENTRAL NERVOUS SYSTEM EFFECTS).
INGESTION: ASPIRATION INTO RESP SYSTEM MAY CAUSE
BRONCHIOPEN
UMONIA/PULMONARY EDEMA.
Effects of Overexposure:CHRONIC; SKIN: FREQUENT OR PROLONGED CONTACT
MAY IRRITATE AND CAUSE DERMATITIS.

TARGET
ORGANS: REPEATED EXCESSIVE EXPOSURE MAY CAUSE MINOR LUNG, LIVER,
KIDNEY EFFECTS

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

First Aid:EYE: IMMEDIATELY FLUSH EYE WITH LARGE AMOUNTS OF WATER FOR AT
LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION. SKIN: IMMEDIATELY
WASH OFF WITH SOAP I
N FLOWING WATER. REMOVE CONTAMINATED CLOTHING
INCLUD ING SHOES. INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH
AIR. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING STOPPED. CALL
PHYSICIAN. INGESTION: DONT INDUCE VOMITING. GET PROMPT MEDICAL
ATTENTION.

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

Flash Point Method:TCC
Flash Point:32.0F,0.0C
Autoignition Temp:Autoignition Temp Text:>662F
Lower Limits:1.8 @ 77F
Upper Limits:11.5 @ 77F
Extinguishing Media:FO
AM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG
Fire Fighting Procedures:POS PRESSR SCBA. USE WATER SPRAY TO COOL
CNTNRS/SRFCS,PROTECT PERSONNEL/DISPERSE VAPOR. ALLOW FIRE TO BURN
(CONTROLLED CONDITION)/EXTINGUISH W/ABOVE EXT MEDIA.
Unusual Fire/Explosion Hazard:FLAMMABLE LIQ CAN FORM FLAMMABLE MIX AT
TEMPS AT/ABOVE FLASH POINT. EMPTY CONTAINERS RETAIN RESIDUE. DONT
PRESSRZ,CUT,WELD,BRAZE,DRILL,GRIND,EXPOSE TO IGNITION.

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

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Spill Release Procedures:ELIMINATE IGNIT SOURCE. STOP LEAK IF W/OUT HAZARD. PREVENT LIQ FROM ENTERING SEWERS,WATER COURSES,LOW AREAS. SMALL SPILL: SOAK UP W/NON-REACTIVE ABSORBENT. COLLECT W/RUBBER SHOVEL INTO CONTAINER. LRG: KEEP PUBLIC AWAY, NOTIFY AUTHORITIES &EPA.

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

Handling and Storage Precautions:USE EXPLOSION PROOF VENT EQUIP & MECHANICAL DILUTION VENT WHENEVER PRODUCT USED IN CONFINED SPACE,

ABOVE AMBIENT TEMP OR IS AGITATED.

Other Precautions:GROUND EQUIPMENT WHEN HANDLING PRODUCT. LAB SAMPLE SHOULD BE STORE & HANDLED IN LAB HOOD. STORE PRODUCT IN COOL, DRY PLACE & AWAY FROM ALL POSSIBLE IGNITION SOURCES. KEEP CONTAINER CLOSED. AVOID SKIN & EYE CONTACT. KEEP FROM HEAT/OPEN FLAME

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION.

Ventila

tion:LOCAL EXHAUST AND MECHANICAL DILUTION VENTILATION IS RECOMMENDED WHENEVER THIS PRODUCT IS USED.

Protective Gloves:USE CHEMICAL RESISTANT GLOVES

Eye Protection:WHERE CONTACT MAY OCCUR,WEAR FACE SHIELD

Other Protective Equipment:HANDLING EQUIPMENT SHOULD BE GROUNDED PROPERLY AND USE EXPLOSION PROOF EQUIPMENT.

Work Hygienic Practices:ALWAYS WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. NO SMOKING IN WORKING AND NEARBY AREAS.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:175 TO 282F

Melt/Freeze Pt:M.P/F.P Text:1.0 (BU AC=1)

Solubility in Water:NEGLIGIBLE @ 68F

Appearance and Odor:CLEAR WATER WHITE SOLVENT MIXTURE, STRONG ALCOHOL SOLVENT ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, CAUSTICS, AMINES, ALKANOIAMINES, ALDEHYDES, AMMONIA.

Stability Condition to

Avoid:KEEP AWAY FROM FLAME, PILOT LIGHT, STATIC
ELECTRICITY, SPARKS AND OTHER IGNITION SOURCES.
Hazardous Decomposition Products:NO INFORMATION FOUND

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

Waste Disposal Methods:THIS PRODUCT MIGHT BE BURNED IN AN APPROVED
INCINERATOR IN ACCORD WITH ALL LOCAL, STATE, AND FEDERAL
REQUIREMENTS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL &
ENSURE CONFORMITY TO ALL LOCAL, STATE, FEDERAL REQUIREMENTS.
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