

PUMA TECHNOLOGIES -- THINNER, AIRCRAFT COATING -- 8010-01-200-2637

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Product Identification  
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Product ID:THINNER, AIRCRAFT COATING

MSDS Date:03/10/1993

FSC:8010

NIIN:01-200-2637

MSDS Number: BSFTD

=== 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:PROPYLENE GLYCOL MONOMETHYL ETHER

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 30% MIN

Other R

EC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM

Ingred Name:METHYL ETHYL KETONE (SARA III) (EPA WASTE NUMBER U139)  
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:METHYL ISOBUTYL KETONE (SARA III) (EPA WASTE NUMBER U161)  
CAS:108-10-1  
RTECS #:SA9275000  
Fraction by Wt: 20% MAX  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/STEL 75 PPM

ACGIH TLV:50 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

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, CENTR  
AL NERVOUS SYSTEM EFFECTS).  
INGESTION: ASPIRATION INTO RESP SYSTEM MAY CAUSE  
BRONCHIOPNEUMONIA/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

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

First Aid:EYE: IMMEDIATELY FLUSH EYE WITH LARGE AMOUNTS OF WATER FOR AT  
LEAST 15 MINUTES. GET PROMPT MEDIC

AL ATTENTION. SKIN: IMMEDIATELY

WASH OFF WITH SOAP IN FLOWING WATER. REMOVE CONTAMINATED CLOTHING INCLUDING 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:34.0F,1.1C

Autoignition Temp:Autoignition Temp Text:>662F

Lower Limits:

1.8 @ 77F

Upper Limits:11.5 @ 77F

Extinguishing Media:FOAM, 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

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

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.

===== 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

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECE

SSARY

TO PREVENT OVEREXPOSURE BY INHALATION.

Ventilation: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

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

HCC:F2

Boiling Pt:B.P. Text:175 TO 248F

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

===== 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 CO

CONFORMITY TO ALL LOCAL, STATE, FEDERAL REQUIREMENTS. IGNITABLEWASTE.

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