

PUMA CHEMICAL CO INC -- THINNER, AIRCRAFT COATING -- 8010-01-212-1704

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Product Identification
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Product ID:THINNER, AIRCRAFT COATING

MSDS Date:03/10/1993

FSC:8010

NIIN:01-212-1704

MSDS Number: BRHCD

=== Responsible Party ===

Company Name:PUMA CHEMICAL CO INC

Address:1601 109TH STREET

City:GRAND PRAIRIE

State:TX

ZIP:75050

Country:US

Info Phone Num:214-988-3447

Emergency Phone Num:214-988-

3447

Preparer's Name:MAURICE PUMA

CAGE:OBBA1

=== Contractor Identification ===

Company Name:PUMA CHEMICAL CO., INC.

Address:1601 109TH STREET

City:GRAND PRAIRIE

State:TX

ZIP:75050

Phone:(214) 988-3447

CAGE:OBBA1

Company Name:PUMA TECHNOLOGIES

City:FORT WORTH

State:TX

ZIP:76115

Country:US

Phone:817-927-8888

CAGE:OBBA1

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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%

Other REC Lim

its:NONE SPECIFIED
OSHA PEL:100 PPM/STEL 150 PPM

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 50%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/STEL 200 PPM
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
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:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION. CAN RESULT IN
PERMANENT EYE DAMAGE TAKEN OUT IMPROPERLY. SKIN: MAY IRRITATE &
CAUSE DERMATITIS. INHALATION: VAPOR CONCENT. ARE IRRIT. TO EYES &
RESPIR. TRACT, HEADACHE, DIZZIN ESS. CENTRAL NERVOUS EFFECTS.
INGESTION: LOW TOXICITY. SM AMOUNTS OF LIQUID MAY CAUSE

BRONCHIOPNEUMONIA OR PULM. EDEMA.
Effects of Overexposure:REPEATED EXCESSIVE EXPOSURE MAY CAUSE MINOR
LUNG, LIVER, & KIDNEY EFFECTS.
Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15
MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP & WATER TO
AFFECTED AREA. INHALATION: REMOVE TO FRESH AIR. ADMINISTER
ARTIFICIAL RESPIRATIO N IF B

REATHING HAS STOPPED. CALL A PHYSICIAN.

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST. GET 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, CO2, WATER FOG.

Fire Fighting Procedures:POSITIVE-PRESSURE,SCBA. WATER SPRAY TO COOL FIRE EXPOSED SURFACES & P

ROTECT PERSONNEL. SHUT OFF FUEL TO FIRE.

EITHER ALLOW TO BURN CONTROL. OR USE EXTING. MEDIA

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID, CAN RELEASE VAPORS THAT FORM FLAMM. MIXTURES AT TEMPERAT. AT/ABOVE FLASH POINT. DO NOT EXPOSE HEAT SOURCES MAY EXPLODE & CAUSE INJURY OR DEATH

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

Spill Release Procedures:PREVENT FM ENTERING WATERWAYS. SM SPILL, SOAK UP W/SUITABLE NON-REACTIVE ABSORBENT MATERIAL. COLLECT W/RUB BER

SHOVEL INTO CONTAINER FOR PROMPT DISPOSAL. LRG SPILL, KEEP PUBLIC AWAY & NOTIFY AUTHORITIE S & EPA AS THIS PRODUCT EPA HAZARDOUS SUBSTANCES.

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

Handling and Storage Precautions:EQUIP GROUNDED PROPERLY. USE EXPLOSION-PROOF VENT. EQUIP LAB SAMPLE STORED/HANDLED IN LAB HOOD. STORE IN COOL, DRY PLACE & AWAY FROM ALL HEAT SOURCES.

Other Precautions:EMPTY CONTAINER DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BR

AZE, DRILL, GRIND; OR EXPOSE TO HEAT, FLAME, SPARKS, STATIC, OTHER SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

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

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

Ventilation:LOCAL EXHAUST & MECHANICAL DILUTION VENTILATION IS RECOMMENDED WHENEVER THIS PRODUCT IS USED .

Protective Gloves:USE CHEMICAL RESISTANT GLOVES

Eye Protectio

n:WHERE CONTACT MAY OCCUR,WEAR FACE SHIELD

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

Work Hygienic Practices:WASH THOROUGHLY W/SOAP & WATER AFTER HANDLING. SMOKE IN DESIGNATED AREAS ONLY. REMOVE & WASH CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

HCC:F2

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

Vapor Pres:70 @77F/20C

Vapor Density:> 1.0

Spec Gravity:0

.8372 @77F/20C

Viscosity:1.0 @ 68F/20C

Evaporation Rate & Reference:> 1.0

Solubility in Water:NEGLIGIBLE @ 68F/20C

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, & OTHER IGNITION SOURCES.

Hazardous Decomposition Products:NO INFORMATION FOUND.

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

Waste Disposal Methods:THIS PRODUCT BURNED IN APPROVED INCINERATOR IN ACCORD. W/ALL LOCAL, STATE & FEDERAL REGULATIONS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL & ENSURE CONFORM. TO LOCAL, STATE & FEDERAL REGULATIONS. THIS PRODUCT IS AN IGNITABLE WASTE.

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ion by the compiling agencies):

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