

PUMA CHEMICAL CO., INC. -- REGULAR MINERAL SPIRITS -- 8010-00-290-4079

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Product Identification
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Product ID:REGULAR MINERAL SPIRITS

MSDS Date:03/10/1993

FSC:8010

NIIN:00-290-4079

MSDS Number: BRGJJ

=== 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:800-42

4-9300

Preparer's Name:MAURICA J. 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:MINERAL SPIRITS (VAPOR PRESSURE 2 MM HG @ 20 C) (LFL 1.0;
UFL 7.0) (SOLVENT)

CAS:64475-85

-0
RTECS #:PY8240000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM

Ingred Name:BENZENE
CAS:71-43-2
RTECS #:CY1400000
Fraction by Wt: .01-.09%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 PPM
ACGIH TLV:10 PPM
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYES: MODERATE IRRITATION. SKIN:
MODERATE IRRITATING; BELIEVED TO CAUSE REDNESS, EDEMA, OR DRYING OF
THE SKIN. INHALATION: HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO
THE RESPIRATORY TRACT. HEADACHES, DIZZINESS, ARE ANESTHETIC & MAY
HAVE CENTRAL NERVOUS EFFECTS. INGESTION: LOW ORDER OF TOXICITY.
Medical Cond Aggravated by Exposure:REPEATED ESCESSIVE EXPOSURE MAY
CAUSE MINOR LUNG, AND KIDNEY EFFECTS.

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

First Aid:EYES: IMMEDIATELY FLUSH EYE WITH LARGE AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: IMMEDIATELY WASH
OFF WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING INCLUDING
SHOES. INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR.
ADMINISTER ARTIFICIAL RESPIRATION IF NEEDED. CALL A PHYSICIAN.
INGESTION: IF SWALLOWED. DO NOT INDUCE VOMITING. KEEP AT REST. GET
PROMPT MEDICAL ATTENT.

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

Flash Point Method:TCC
Flash Point:105F,41C
Extingu

ishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG.

Fire Fighting Procedures:SCBA. USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES & PROTECT PERSONNAL. IF LEAK/SPILL HAS NOT IGNIT. USE WATER SPRAY. FIRE TO BURN UNDER CONTROLLED CONDITIONS.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID, CAN RELEASE VAPORS THAT FORM FLAMMABLE MIXTURES AT TEMP. AT OR ABOVE FLASH POINT. VAPORS > AIR.CAN BE IGNIT.EXPLOSIVE AIR VAPORS MAY OCCUR.

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

Spill Release Procedures:ELIMINATE ALL POSSIBLE IGNITION SOURCES. PREVENT LIQUID ENTERING WATERWAYS. SMALL SPILL, SOAK UP W/NON-REACTIVE MATERIAL. COLLECT W/RUBBER SHOVEL INTO CONTAINER FOR PROMPT DISPOSAL. LARGE SPILL KEEP P UBLIC AWAY. NOTIFY EPA. THIS PRODUCT EPA HAZARD.

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

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

Other Precautions:WARNING! CAUSES IRRITATION TO EYE. MAY CAUSE IRRITATION TO SKIN. COMBUSTIBLE LIQUID. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. AVOID SKIN & EYE CONTACT. KEEP AWAY FROM HEAT AND OPEN FLAME.

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

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

Ventilation:LOCA

L 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

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

Supplemental Safety and Health
(1ATM & 68F/20C)

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

HCC:F4

Boiling Pt:B.P. Text:321 TO 373F

Vapor Pres:27@6

8F/20C

Vapor Density:4.8

Spec Gravity:0.76 @ 77F/25C

Appearance and Odor:CLEAR WATER WHITE SOLVENT MIXTURE, PETROLEUM ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, CAUSTICE, AMINES, ALKANOLAMINES, ALDEHYDES,
AMMONIA.

Stability Condition to Avoid:KEEP AWAY FROM FLAME, PILOT LIGHT, STATIC
ELECTRICITY, SPARKS AND OTHER IGNITION SOURCES.

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

Waste Disposal Methods:BURN IN APPROVED INCINERATOR IN ACCORDANCE WITH
LOCAL, STATE AND FEDERAL REGULATIONS. CONSULT AN EXPERT ON DISPOSAL
OF RECOVERED MATERIAL & ENSURE CONFORMITY TO ALL LOCAL, STATE AND
FEDERAL REGULATION S. THIS PRODUCT IS AN IGNITABLE WASTE.

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