

PUMA CHEMICAL CO INC -- THINNER CELLULOSE-NITRATE DOPE -- 8010-00-162-5289

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Product Identification
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Product ID:THINNER CELLULOSE-NITRATE DOPE

MSDS Date:03/10/1993

FSC:8010

NIIN:00-162-5289

MSDS Number: BRGRR

=== 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 Nu

m:214-988-3447

Preparer's Name:MAURICE 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:0BBA1

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Composition/Information on Ingredients
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Ingred Name:BUTYL ACETATE (RQ:5000#)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 40%

Other RE

C Limits:NONE SPECIFIED
OSHA PEL:150 PPM/STEL 200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BUTYL ALCOHOL 5000#
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:NAPHTA, AROMATIC MIXTURE 2000#
Fraction by Wt: 25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/STEL 150 PPM

Ingred Name:AMYL ACETATE
CAS:628-63-7
RTECS #:AJ1925000
Fraction by Wt:
10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/STEL 150 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:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION. RESULT IN EYE
DAMAGE, NOT REMOVED PROPERLY. SKIN: IRRITATION & CAUSE DERMATITIS.
INHALATION: IRRITATION TO EYES & RESPIR. TRACT, HEADACHE,
DIZZINESS
, ARE ANESTHETIC & OTHER NERVOUS E FFECTS. INGESTION: LOW
TOXICITY. SM AMTS OF LIQUID ASPRIATED INTO THE RESPIR. SYS. DURING
INGEST CAUSE PULMONARY EDEMA.
Effects of Overexposure:INGESTION: DURING INGESTION OR FROM VOMITING,
MAY CAUSE BRONCHLOPNEUMONIA.
Medical Cond Aggravated by Exposure:REPEATED EXCESSIVE EXPOSURE MAY
CAUSE MINOR LUNG, LIVER, KIDNEY EFFECTS.

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===== 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. REMOVE & WASH CONTAMINATED CLOTHING; & SHOES. INHALATION: REMOVE TO FRESH AIR. GIV E CPR IF BREATHING HAS STOPPED. CONSULTA PHYSICIAN. INGESTION: IF SWALLOWED DO NOT INDUCE VOMITING. KEEP AT REST. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:>20F,>-7C

Extinguishing Media:FLAMMABLE LIMIT. NO INFORMATION FOUND.

Fire Fi

ghting Procedures:WEAR POSITIVE-PRESSURE, SCBA. WATER SPRAY COOL FIRE EXPOSED SURFACES. IF LEAK/SPILL NOT IGNITED, WATER SPRAY DISPERSE VAPOR.EXTING.W/ALCOHOL TYPE FOAM,DRY CHEM.

Unusual Fire/Explosion Hazard:CAN RELEASE VAPORS THAT FORM FLAMMABLE MIXTURES AT TEMPER. AT/ABOVE FLASH POINT. DON'T PRESSURIZE, CUT, WELD BRAZE, DRILL, GRIND, OR EXPOSE TO HEAT.

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

Spill Release Procedures:FOR SMALL SPILL, SOAK UP WITH S

UITABLE, NON-

REACTIVE ABSORBENT MATERIAL. COLLECT WITH RUBBER SHOVEL INTO CONTAINER FOR PROMPT DISPOSAL. FOR LARGE SPILL KEEP PUBLIC AWAY & NOTIFY AUTHORITIES & EPA AS THIS PRODUCT IS A EPA HAZARDOUS SUBSTANCES.

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

Handling and Storage Precautions:ALL EQUIPMENT GROUNDED IN HANDLING THIS PRODUCT. USE EXPLOSION PROOF VENTILATION EQUIPMENT. STORE IN COOL, DRY PLACE & AWAY FROM ALL IGNITION SOURCES.

Other Pr

ecautions:KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. AVOID SKIN & EYE CONTACT. KEEP AWAY FROM HEAT & OPEN FLAME. THE USE OF MECH. DILUTION VENT. IS RECOMM. WHENEVER THIS PRODUCT IS USED IN CONFINED SPACE, IS HEATED ABOVE AMBIENT TEMP. OR AGITAT.

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

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

Ventilation:LOCAL EXHAUST & MECHANICAL DILUTION VEN

TILATION 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 & WATER AFTER HANDLING, NO SMOKING IN WORKING & NEARBY AREAS.

Supplemental Safety and Health

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

HCC:F2

Spec Gravity:0.843 @77F(25C)

Viscosity:> 1.0@68F/20C

Solubility in Water:NEGLIGIBLE @ 68F/20C

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

ITY, SPARKS, & OTHER IGNITION SOURCES.

Hazardous Decomposition Products:NO IMFORMATION FOUND.

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

Waste Disposal Methods:THIS PRODUCT MIGHT BE BURNED IN AN APPROVED INCINERATOR IN ACCORDANCE W/ALL LOCAL, STATE & FEDERAL REGULATIONS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL & ENSURE CONFORMITY TO ALL LOCAL,STA TE & FEDERAL REGULATIONS. THIS PRODUCT IGNIT.WASTE

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