

DENNIS CHEMICAL CO. -- DENFLEX 1169-B (LACQUER HARDENER) -- 5970-00-738-5960

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Product Identification
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Product ID: DENFLEX 1169-B (LACQUER HARDENER)

MSDS Date: 06/09/1989

FSC: 5970

NIIN: 00-738-5960

Kit Part: Y

MSDS Number: BFMVV

=== Responsible Party ===

Company Name: DENNIS CHEMICAL CO.

Address: 2700 PAPIN ST

City: ST. LOUIS

State: MO

ZIP: 63103-3028

Info Phone Num: 314-771-1800

Emergency Phone N

um: 314-771-1800

Preparer's Name: MIRIAM PRESS

CAGE: 07432

=== Contractor Identification ===

Company Name: DENNIS CHEMICAL CO

Address: 2701 PAPIN ST

Box: City: ST. LOUIS

State: MO

ZIP: 63103-3028

Country: US

Phone: 314-771-1800

CAGE: 07432

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Composition/Information on Ingredients
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Ingred Name: HEXONE (METHYL ISOBUTYL KETONE)

CAS: 108-10-1

RTECS #: SA9275000

Fraction by Wt: 10-30%

OSHA PEL: 100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Ingr

ed Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 10-30%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 10-30%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;8990
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER
CAS:107-98
-2
RTECS #:UB7700000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;8990

Ingred Name:N-BUTYL ALCOHOL
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 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:NT

P:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE MODERATE TO SEVERE EYE IRRITATION, REDNESS, TEARING OR BLURRED VISION. HARMFUL IF ABSORBED THROUGH THE SKIN! REPEATED/PROLONGED SKIN CONTACT MAY CAUSE IRRITATION & DRYING. INGESTION CAN CAUSE E G.I. IRRITATION, NAUSEA, VOMITING, ORDIARRHEA. EXCESSIVE INHALATION OF SOLVENT VAPORS CAN CAUSE DIZZINESS,NAUSEA,ETC.

Effects of Overexposure:EYE, SKIN, & MUCOUS MEMBRANE IRRITATION. MAY CAUSE HEADACHES, DIZZINESS, N
AUSEA, VOMITING, DIARRHEA AND DRYING
OF THE SKIN.

Medical Cond Aggravated by Exposure:SKIN AND LUNG DISORDERS.

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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 THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR. GET ME DICAL ATTENTION. GIVE OXYGEN OR CPR IF REQUIRED. INGESTION: DO NOT INDUCE VOMITING! KEE
P WARM & STILL. GET MEDICAL
ATTENTION IMMEDIATELY! ASPIRATION OF MATERIAL INTO LUNGS MAY CAUSE CHEM PNEUMONITIS.

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

Flash Point Method:TCC

Flash Point:45F,7C

Lower Limits:1.0

Upper Limits:7.5

Extinguishing Media:FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:WEAR A SCBA WITH A FULL FACEPIECE OPERATED IN A POSITIVE PRESSURE MODE. WEAR FULL PROTECTIVE CLOTHING TO GUARD
AGA

INST EXPOSURE TO TOXIC & IRRITATING FUMES.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND & BE IGNITED BY HEAT, SPARKS, ETC AT LOCATIONS DISTANT FROM THE MATERIAL HANDLING POINT.

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

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE EQUIPMENT. CONTAIN AND SOAK THE SPILL WITH ABSORBENT MATERIAL. SHOVEL THE ABSORBED MATERIAL INTO CONTAINERS FOR DISPO

SAL.
Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY LOCATION. KEEP CONTAINERS TIGHTLY SEALED & UPRIGHT WHEN NOT IN USE. AVOID UNNECESSARY SKIN CONTACT WITH THIS PRODUCT.

Other Precautions:SKIN ABSORPTION CAN CONTRIBUTE TO OVERALL EXPOSURE OF PRODUCT. AVOID BREATHING VAPORS. WEAR APPROPRIATE RESPIRATOR DURING&AFTER USE UNLESS AIRBORNE CONCENTRATIONS ARE KNOWN TO BE BELOW THE TL

V. PROVIDE ADEQUATE VENTILATION DURING USE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED ORGANIC VAPORS MASK. IF TLV IS GREATLY EXCEEDED USE A POSITIVE PRESSURE, AIR SUPPLIED OR SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL OR LOCAL EXHAUST IS REQUIRED TO KEEP CONCENTRATIONS BELOW THE TLV AND TO PREVENT ANY ACCUMULATION OF VAPORS.

Protective Gloves:SOLVENT RESISTANT GLOVES

Eye Protection:CHEMICAL

SAFETY GLASSES/SPLASH GOGGLES

Other Protective Equipment:EYEWASH STATION & EMERGENCY SHOWER SHOULD BE AVAILABLE

Supplemental Safety and Health
PART B OF 2 PARTS KIT. KEY1:F3.

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

HCC:F2

Boiling Pt:=110.C, 230.F

Vapor Pres:10.7

Vapor Density:>1.0

Spec Gravity:0.90

Evaporation Rate & Reference: