

LILLY INDUSTRIES INCORP(FRMLY -- MR225 MOLD RELEASE AEROSOL CODE ID:187X102

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MSDS Safety Information
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FSC: 3680
NIIN: 00-237-3457
MSDS Date: 02/17/1995
MSDS Num: BXFXX
Product ID: MR225 MOLD RELEASE AEROSOL CODE ID:187X102
MFN: 05
Responsible Party
Cage: IO245
Name: LILLY INDUSTRIES INCORP(FRMLY RAM CHEM/WHITTAKER)
Address: 210 E ALONDRA BLVD
City: GARDENA CA 90248-2808
Info Phone Number: 310-352-3087/213-321-0710
Emergency Phone Number: 310-352-3087/800-424-9300(CHEMTREC)
Preparer's Name: LEN PULMAN
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: IO245
Assigned Ind: Y
Name: LILLY INDUSTRIES INC
Address: 210 E ALONDRA BLVD
City: GARDENA CA 90248
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Contractor Summary
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Cage: 31068
Name: DUTCH VALLEY SUPPLY CO
Address: 970 PROGRESS CTR AVE
City: LAWRENCEVILLE GA 30043
Phone: (404-513-0612)
Cage: 0RCD8
Name: HOOSIER INDUSTRIAL SUPPLY
Address: 1223 CHICAGO AVE
City: GOSHEN IN 46527-0929
Phone: 219-533-8565
Cage: 0MTA9
Name: LILLY IND INC
Address: 210 E ALONDRA BLVD
City: GARDENA CA 90248
Phone: 310-352-3087
Cage: IO245
Name: LILLY INDUSTRIES INC
Address:

ess: 210 E ALONDRA BLVD
City: GARDENA CA 90248
Phone: 213-321-0710
Cage: 22401
Name: RAM CHEMICALS, WHITTAKER DIV/LILLY INDUSTRIES INC
Address: 210 E ALONDRA BLVD
City: GARDENA CA 90248-2808
Phone: 310-352-3087/800-424-9300(CHEMTREC)

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Item Description Information
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Item Manager: S9G
Item Name: PARTING COMPOUND,FOUNDRY MOLD
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue:
CN
Quantitative Expression: 00000000015OZ
UI Container Qty: 0
Type of Container: AEROSOL CAN

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Ingredients
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Cas: 75-09-2
Name: PROPANE/ISOBUTANE BLEND
% Wt: 20
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 75-09-2
RTECS #: PA8050000
Name: METHYLENE CHLORIDE (DICHLOROM
ETHANE) (SARA III)
% Wt: 77
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 500 PPM; Z-2
ACGIH TLV: 50 PPM, A2; 9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

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Health Hazards Data
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LD50 LC50 Mixture: UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: BASED ON PRESENCE OF COMPONENTS CHRONIC OVEREXPO

TO PROD

MAY CAUSE KIDNEY & LIVER INJURY. MAY ALSO CAUSE SKIN BURNS.

Signs And Symptoms Of Overexposure: KIDNEY & LIVER INJURY. SKIN BURNS.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: NONE SPECIFIED BY MANUFACTURER. HOWEVER IN ALL CASES FOLLOW

APPROPRIATE AMERICAN RED CROSS 1ST AID & GET MED ATTN IMMEDIATE. IF SKIN

CONTACT MADE REMOVE CONTAMINATED CLOTHING/SHOES & FLUSH AREA IMMEDIATE W/ SOAP/WATER. EYE CONTACT: FLUSH W/WATER IMMEDIATE. INGEST: GET MED

ATTN IMMEDIATE.

D ATTN IMMEDIATE.

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Handling and Disposal
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Spill Release Procedures: STAY UPWIND/AWAY FROM SPILL UNLESS WEARING APPROPRIATE
PROTECTIVE EQUIPMENT. STOP & OR CONTAIN DISCHARGE WITHOUT RISK. KEEP AWAY ALL
IGNITION SOURCES. VENTILATE AREA. USE NONSPARKING TOOLS. COVER WITH INERT MATERIAL TO REDUCE
FUMES. KEEP OUT OF DRAINS/SEWERS/WATERWAYS. CONTACT (SUPPLIER)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal

Methods: DO NOT FLUSH TO SEWER/WATERSHED/WATERWAY. DISPOSE OF
IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. PRODUCT
CONTAINS METHYLENE CHLORIDE (77%) WHICH IS SUBJECT TO REPORTING REQUIREMENTS OF SECTION
313 EPCRA & 40CFR372.

Handling And Storage Precautions: AVOID PROLONGED/REPEATED BREATH OF VAPOR. KEEP
CONTAINER COOL, DRY, AWAY FROM IGNITION SOURCES. USE/STORE WITH ADEQUATE VENTILATION. DO NOT SMOKE IN
STORAGE AREAS. AVOID INHALED VAPOR

Other Precautions: AVOID PERSONAL CONTACT WITH PRODUCT; IF HAPPENS REMOVE

SATURATED

CLOTHING & FLUSH AREAS WITH WATER. CONTAINER MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED
CONTAINER RETAINS PRODUCT RESIDUES (VAPOR/LIQUID/SOLID) ALL HAZARDOUS PRECAUTIONS GIVEN IN MSDS
MUST BE OBSERVED.

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Fire and Explosion Hazard Information
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Lower Limits: 2.0

Upper Limits: 10.0

Extinguishing Media: USE CO2, DRY CHEM, FOAM. THE NATIONAL FIRE PROTECTION ASSOCIATION CLASS B
EXTINGUISHER DESIGNED TO EXTINGUISH FIRE ORIGIN

ATING FROM BURNING LIQUIDS.

Fire Fighting Procedures: WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO
COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP/POSSIBLE AUTOIGNITION/EXPLOSION WHEN EXPOSED
TO EXTREME HEAT. FOG NOZZLE PREFERRED

Unusual Fire/Explosion Hazard: KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM HEAT/ELECTRIC
EQUIPMENT/SPARKS/OPEN FLAME. CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT
APPLY TO HOT SURFACES. NEVER USE (SUPPORT)

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Control Measures
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Respiratory Protection: OUTDOOR/OPEN AREAS USE:MECH FILTER RESP TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY DURING SPRAY APPLICATION.RESTRICTED VENTI USE:CHEM-MECHANICAL FILTERS TO REMOVE PARTICULATE & GAS/VAP.CONFINED AREAS USE:AIR LINE TYP RES/HOODS.(SUPP)

Ventilation: AS REQUIRED TO CNTRL VAP CONCEN.IF EXPO EXCEEDS TLV USE NIOSH-APPROVED RESP TO PREVENT OVEREXPO.PROVIDE VENTI IN (SUPPL)

Protective Gloves: NAT RUBB,NEOPRENE,BUNA N,NITRI LE.

Eye Protection: NONE SPEC BY MFG.HOWEVER WEAR SAF GLASS.

Other Protective Equipment: APRON.

Work Hygienic Practices: WASH HANDS WELL BEF EAT/WASHRM.REMOVE CONTAMIN CLOTH IMMED & LAUNDER BEF REUSE.

Supplemental Safety and Health: FIRE/EXPLO HAZ:WELD/CUT TORCH ON/NEAR CNTNR(EVEN EMPTY)BECAUSE PROD(EVEN RESIDUE)MAY IGN EXPLO. SPILL:APPROPRIATE SPILL AGENCIES,AUTHORITIES. RESP:RESP PROT MAY BE NECESSARY IN ANY LATER MFG OPERATIONS IN WHICH PROD MAY BECOME AIRBORNE IN FORM OF VAP/DUST.

VENTI:VOL/PATTERN TO BE <TLV & REMOVE PROD FRM OPERATIONS.

Physical/Chemical Properties

HCC: V2

Boiling Point: =40.C, 104.F

Vapor Density: >AIR

Evaporation Rate & Reference: FASTER THAN BUTYL ACETATE

Percent Volatiles by Volume: 78.64

Reactivity Data

Stability

Indicator: YES

Stability Condition To Avoid: AVOID EXPO TO SPARKS/OPN FLAME/HOT SURFACES/ ALL SOURCES OF HEAT/IGN.

Materials To Avoid: STRONG OXIDIZING AGENTS-CONTACT WITH THESE MATERIALS MAY CAUSE FIRE/EXPLOSION & WITH STRONG ACIDS.

Hazardous Decomposition Products: MAY PROD HAZ FUMES WHEN HEATED TO DECOMP AS IN WELDING.FUMES MAY CONTAIN CARBON MONOXIDE,CARBON DIOXIDE,OXIDES OF NITROG

Hazardous Polymerization Indicator: NO

Toxicology

gical Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: IO245
 Trans ID NO: 59150
 Product ID: MR225 MOLD RELEASE AEROSOL CODE ID:187X102
 MSDS Prepared Date: 02/17/1995
 Review Date: 10/01/1997
 MFN: 5
 Tech Entry NOS Shipping Nm: METHYLENE CHLORIDE,PROPANE AND ISOBUTANE.
 Radioa
 ctivity: NOT RELEVANT
 Net Unit Weight: 15 OZ
 Multiple KIT Number: 0
 Review IND: Y
 Unit Of Issue: CN
 Container QTY: 0
 Type Of Container: AEROSOL CAN
 Additional Data: VENDOR CAGE 31068 ADDED AT THE REQUEST OF DDRV.

Detail DOT Information

DOT PSN Code: DTJ
 Symbols: D
 DOT Proper Shipping Name: CONSUMER COMMODITY
 Hazard Class: ORM-D
 Label: NONE
 Non Bulk Pack: 156,306
 Bulk Pack: NONE
 Max Qt

y Pass: 30KGGROSS
Max Qty Cargo: 30KGGROSS
Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o
IMDG Page Number: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Group: -
Subsidiary Risk Label: T
EMS Number: 2-13
MED First Aid Guide NUM: 620

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Detail IATA Information
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IATA PSN Code: ANB
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, NON-FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.2
IATA Label: NON-FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75 KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: ANB
AFI Prope
r Shipping Name: AEROSOLS, NON-FLAMMABLE, N.O.S.
AFI PSN Modifier: ,(EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.2
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label
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Product ID: MR225 MOLD RELEASE AEROSOL CODE ID:187X102
Cage: IO245
Assigned IND: Y
Company Name: LILLY INDUSTRIES INC
Street: 210 E ALONDRA BLVD
City: GARDENA CA
Zipcode: 90248
Hea

lth Emergency Phone: 310-352-3087/800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 10/01/1997

Status Code: C

MFG Label NO: UNKNOWN

Label Date: 10/01/1997

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: BASED ON PRESENCE OF COMPONENTS CHRONIC OVEREXPO TO
PROD MAY CAUSE KIDNEY & LIVER INJUR

Y. MAY ALSO CAUSE SKIN BURNS. AVOID

PROLONGED/REPEATED BREATH OF VAP.KEEP CNTNR COOL,DRY,AWAY FRM IGN
SOURCES.USE

/STORE W/ADEQ VENTI.DO NOT SMOKE IN STORAGE AREAS.AVOID INHAL VAPORS FIRST
AID:IN ALL CASES FOLLOW APPROPRIATE AMERICAN RED CROSS 1ST AID & GET MED
ATTN IMMED. IF SKIN CONTACT MADE REMOVE CONTAMINATED CLOTHING/SHOES &
FLUSH AREA IMMED W/SOAP/WATER. EYE CONTACT:FLUSH W/WATER IMMED. INGEST:GET
MED ATTN IMMED.

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