

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:  
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

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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.

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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 W/O RISK. KEEP AWAY ALL  
IGNITION SOURCES. VENTILATE AREA. USE NONSPARKING TOOLS. COVER W/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 W/ADEQUATE VENTILATION. DO NOT SMOKE IN  
STORAGE AREAS. AVOID INHALATION VAPOR

Other Precautions: AVOID PERSONAL CONTACT W/PRODUCT; IF HAPPENS REMOVE

SATURATED

CLOTHING & FLUSH AREAS W/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

=====  
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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