

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

MSDS Safety Information

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)

Addr

ess: 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

Preparer Co. when other than Responsible Party Co.

Cage: IO245

Assigned Ind: Y

Name: LILLY INDUSTRIES INC

Address: 210 E ALONDRA BLVD

City: GARDENA CA 90248

Contractor Summary

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

Addre

ss: 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: C  
N  
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 (DICHLOROME  
THANE) (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 T

O PROD

MAY CAUSE KIDNEY & LIVER INJURY. MAY ALSO CAUSE SKIN BURNS.  
Signs And Symptions 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 IMMED. IF SKIN  
CONTACT MADE REMOVE CONTAMINATED CLOTHING/SHOES & FLUSH AREA IMMED W/SOA  
P/WATER. EYE CONTACT:FLUSH W/WATER IMMED. INGEST:GET MED  
ATTN IMMED.

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Handling and Disposal

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Spill Release Procedures: STAY UPWIND/AWAY FRM SPILL UNLESS WEARING APPROPRIATE  
PROT EQPMT.STOP &/OR CONTAIN DISCHARGE W/O RISK.KEEP AWAY ALL IGN  
SOURCES.VENTILATE AREA.USE NONSPARKING TOOLS.COVER W/INERT MATL TO REDUCE  
FUMES. KEEP OUT OF DRAINS/SEWERS/WATERWAYS.CONTACT (SUPP)  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposa

I Methods: DO NOT FLUSH TO SEWER/WATERSHED/WATERWAY. DISPOSE OF  
IAW LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLSD CNTNRS. PROD  
CONTAINS METHYLENE CHLORIDE (77%) WHICH IS SUBJ TO REPORTING RQMTS OF SEC  
313 EPCRA & 40CFR372.

Handling And Storage Precautions: 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 VAPOR

Other Precautions: AVOID PERSONAL CONTACT W/PROD;IF HAPPENS RE  
MOVE SATURATED

CLOTH & FLUSH AREAS W/WATER.CNTNR MAY BE HAZ WHEN EMPTIED.SINCE EMPTIED  
CNTNR RETAIN PROD RESIDUES(VAP/LIQ/SOLID)ALL HAZ PRECAUTIONS GIVEN IN MSDS  
MUST BE OSBSERVED.

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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 NAT FIRE PROT ASSOC CLASS B  
EXTINGUISHER DESIGNED TO EXT FIRE ORIGINA  
TING FRM BURNING LIQS.

Fire Fighting Procedures: WATERSPRAY MAY BE INEFFECTIVE.WATER MAY BE USED TO  
COOL CLSD CNTNRS TO PREVENT PRESSURE BUILDUP/POSSIBLE AUTOIGN/EXPLO WHEN EXPO  
TO EXTREME HEAT.FOG NOZ PREFERA

Unusual Fire/Explosion Hazard: KEEP CNTNR TIGHTLY CLSD.ISOLATE FRM HEAT/ ELECT  
EQPMT/SPARKS/OPN FLAME.CLSD CNTNR MAY EXPLO WHEN EXPO TO EXTREME HEAT.DO NOT  
APPLY TO HOT SURFACES.NEVER USE(SUP

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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,NITRIL E.

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 OPERATION S IN WHICH PROD MAY BECOME AIRBORNE IN FORM OF VAP/DUST.

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

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## Physical/Chemical Properties

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HCC: V2

Boiling Point: =40.C, 104.F

Vapor Density: >AIR

Evaporation Rate & Reference: FASTER THAN BUTYL ACETATE

Percent Volatiles by Volume: 78.64

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## Reactivity Data

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### 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

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## Toxicolog

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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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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.  
Radioac  
tivity: 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.

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Detail DOT Information  
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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 Qty

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 Proper  
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  
Heal

th 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 INJURY

. 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.

Dis

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