

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)

=====  
Item Description Information  
=====

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

=====  
Ingredients  
=====

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 (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

=====  
Health Hazards Data  
=====

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/SOAP/WATER. EYE CONTACT:FLUSH W/WATER IMMED. INGEST:GET MED ATTN IMMED.

=====  
Handling and Disposal  
=====

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.

=====  
Fire and Explosion Hazard Information  
=====

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

=====  
Control Measures  
=====

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 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

Toxicolog

ical 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.  
 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.

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 Qty

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

=====  
Detail IMO Information  
=====

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

=====  
Detail IATA Information  
=====

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

=====  
Detail AFI Information  
=====

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

=====  
HAZCOM Label  
=====

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

claimer (provided with this information by the compiling agencies): This  
information is formulated for use by elements of the Department of Defense.  
The United States of America in no manner whatsoever expressly or implied  
warrants, states, or intends said information to have any application, use or  
viability by or to any person or persons outside the Department of Defense  
nor any person or persons contracting with any instrumentality of the United  
States of America and disclaims all  
liability for such use. Any person  
utilizing this instruction who is not a military or civilian employee of the  
United States of America should seek competent professional advice to verify  
and assume responsibility for the suitability of this information to their  
particular situation regardless of similarity to a corresponding Department  
of Defense or other government situation.