

LILLY INDUSTRIES -- MR225 87-X26

=====
MSDS Safety Information
=====

FSC: 3680
NIIN: 00-237-3457
MSDS Date: 07/28/1997
MSDS Num: CHHMV
Product ID: MR225 87-X26
MFN: 05
Responsible Party
Cage: IO245
Name: LILLY INDUSTRIES
Address: 210 E ALONDRA BLVD
City: GARDENA CA 90248-5000
Info Phone
Number: 310-352-3087/800-472-6243
Emergency Phone Number: 310-352-3087/800-472-6243
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 7Z016
Name: KAMPI COMPONENTS CO., INC.
Address: 210 RT 13
Box: 721
City: BRISTOL PA 19007-3517
Phone: 215-736-2000
Cage: 0MTA9
Name: LILLY IND INC
Address: 210 E ALONDRA BLVD
City: GARDENA CA 90248
Phone: 310-352-3087
Cage: IO245
Name: LILLY INDUSTRIE
S INC
Address: 210 E ALONDRA BLVD
City: GARDENA CA 90248
Phone: 213-321-0710

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

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

=====
Ingredie

nts

=====
Cas: 64742-89-8

Name: LIGHT ALIPHATIC NAPHTHA, VM & P NAPHTHA, LACOLENE

% Wt: 65

OSHA PEL: 200 PPM

ACGIH TLV: 100 PPM

Cas: 67-63-0

RTECS #: NT8050000

Name: ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL CARBINOL

% Wt: 28

Other REC Limits: 400 PPM

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

Cas: 1330-20-7

RTECS #: ZE2100000

Name: XYLENE, DIMETHYLBENZENE, XYLOL (IARC - GRO
UP 3) 95-2

% Wt: 2

Other REC Limits: 100 PPM

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 8052-41-3

RTECS #: WJ8925000

Name: STODDARD SOLVENT

% Wt: 1

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 PPM

ACGIH TLV: 100 PPM; 9596
=====

Health Hazards Data
=====

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INGESTION: GI TRACT IRRITANT, POSSIBLE KIDNEY DAMAGE.

ORGANIC SOLVENTS-EYE, SKIN & RESPIRATORY TRACT IRRITANT. EYES: MAY CAUSE CORNEAL INJURY. REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY CONCENTRATING/INHALING THE CONTENTS, MAY BE HARMFUL/FATAL.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION. ORGANIC

SOLVENTS-IRRITATION,

TEARING, REDNESS, DRYING/CRACKING OF THE SKIN, DIZZINESS, NAUSEA, FATIGUE, VOMITING

First Aid: EYES: FLUSH W/LUKE WARM WATER FOR 15 MINS. SKIN: FLUSH WASH W/COPIOUS AMOUNTS OF LUKEWARM WATER. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. INGESTION: RINSE MOUTH IMMEDIATELY. GIVE 6-8 OUNCES OF LIQUID. NEVER GIVE ANYTHING BY MOUTH IF CONSCIOUS. DON'T INDUCE VOMITING UNLESS ADVISED BY A PHYSICIAN. OBTAIN MEDICAL ATTENTION IN ALL CASES.

=====

=====

Handling and Disposal

=====

Spill Release Procedures: STAY UPWIND & AWAY FROM AREA UNLESS WEARING PROTECTIVE EQUIPMENT. STOP/CONTAIN DISCHARGE SAFELY. KEEP IGNITION SOURCES AWAY. VENTILATE AREA. USE NON-SPARKING TOOLS FOR CLEANUP. COVER W/INERT MATERIAL. KEEP OUT OF DRAINS, SEWERS/WATERWAYS.

Waste Disposal Methods: DON'T FLUSH TO SEWER, WATERSHED/WATERWAY. DON'T INCINERATE CLOSED CONTAINERS. DISPOSE O

F IN ACCORDANCE W/LOCAL, STATE &

FEDERAL REGULATIONS.

Handling And Storage Precautions: KEEP CONTAINERS COOL, DRY & AWAY FROM IGNITION SOURCES. USE/STORE W/ADEQUATE VENTILATION. DON'T SMOKE IN STORAGE AREAS.

Other Precautions: AVOID INHALATION OF VAPORS. AVOID CONTACT W/SKIN & EYES. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES, PRECAUTIONS GIVEN MUST BE OBSERVED .

=====

=====

Fire and Explosion Hazard Information

=====

Flash Point Method: TCC

Flash Point Text: 16.0F,-8.9C

Lower Limits: 0.7

Upper Limits: 12

Extinguishing Media: CO2, DRY CHEMICAL/FOAM EXTINGUISHER

Fire Fighting Procedures: WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CLOSED CONTAINERS WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, USE FOG NOZZLES ARE PREFERABLE.

Unusual Fire/Explosion Hazard: CLOSED CONTAINER MAY EXPLODE WHEN

EXPOSED TO

EXTREME HEAT. NEVER USE WELDING/CUTTING TORCH ON/NEAR CONTAINER (EVEN RESIDUE), PRODUCT MAY IGNITE EXPLOSIVELY.

Control Measures

Respiratory Protection: IN OUTDOOR/OPEN AREA, USE NIOSH/MSHA APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE AIRBORNE PARTICLES. IN RESTRICTED AREA, A NIOSH/MSHA APPROVED CHEMICAL-MECHANICAL FILTERS. IN CONFINED AREAS, A NIOSH/MSHA APPROVED AIRLINE RESPIRATOR/HOOD
Ventilation: GENERAL DILUTION/LOCAL EXHAUST VENTILATION IN VOLUME & PATTERN TO KEEP TLV OF THE INGREDIENTS BELOW ACCEPTABLE LIMITS
Protective Gloves: NATURAL RUBBER, NEOPRENE, BUNA N/NITRILE
Eye Protection: GOGGLES
Other Protective Equipment: SAFETY EYEWEAR W/PERFORATED SIDESHIELDS, EYE WASH STATIONS, SAFETY SHOWERS
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS THOROUGHLY BEFORE EATING & USING WASHROOM.

Physical/Chemical Properties

HCC: V3
B.P. Text: 180-383F
Vapor Density: >1
Evaporation Rate & Reference: FASTER THAN BU ACETATE
Percent Volatiles by Volume: 97

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: HEAT, SPARKS, OPEN FLAME, HOT SURFACES, ELECTRICAL EQUIPMENT & OTHER IGNITION SOURCES
Materials To Avoid: STRONG ACIDS
Hazardous Decomposition Products: CO, CO2, OXIDES OF NITROGEN
Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

===

MSDS Transport Information

=====
=====

Regulatory Information

=====
=====

Other Information

=====
=====

Transportation Information

=====
=====

Respo

nsible Party Cage: IO245

Trans ID NO: 59145

Product ID: MR225 87-X26

MSDS Prepared Date: 07/28/1997

Review Date: 07/17/1998

MFN: 5

Tech Entry NOS Shipping Nm: XYLENE, ISOPROPANOL

Net Unit Weight: 16 OZ

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 0

Type Of Container: AEROSOL CAN

Additional Data: MAY BE ELIGIBLE FOR RECLASSIFICATION TO CONSUMER COMMODITY IAW

173.306(A)(3)&(H). SAMMS STATES THAT ALUMINUM CONTAINERS ARE PROHIBITED.

PID STATE TO USE A 4G.

=====

Detail DOT Information

DOT PSN Code: AGC

DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,

DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)

Hazard Class: 2.1

UN ID Num: UN1950

Label: FLAMMABLE GAS

Special Provision: N82

Non Bulk Pack: NONE

Bulk Pack: NONE

Max Qty Pass: 75 KG

Max Qty Cargo: 150 KG

Vessel Stow Req: A

Water/Ship/Other Req: 40,48,85

=====

=====

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: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name:
AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

=====

Detail AFI Information

=====

AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazar
d Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

=====

HAZCOM Label

=====

Product ID: MR225 87-X26
Cage: IO245
Assigned IND: Y
Company Name: LILLY INDUSTRIES INC
Street: 210 E ALONDRA BLVD
City: GARDENA CA
Zipcode: 90248
Health Emergency Phone: 310-352-3087/800-472-6243
Label Required IND: Y
Date Of Label Review: 07/17/1998
Status Code: C
Label Date: 07/17/1998

Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Severe
Contact Hazard: Moderate
Fire Hazard: Severe
Reactivity Hazard: None

Hazard And Precautions: INGESTION: GI TRACT IRRITANT, POSSIBLE KIDNEY DAMAGE.
ORGANIC SOLVENTS-EYE, SKIN & RESPIRATORY TRACT IRRITANT. EYES: MAY CAUSE
CORNEAL INJURY. REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE PER
MANENT BRAIN & NERVOUS SYST
EM DAMAGE. INTENTIONAL MISUSE BY
CONCENTRATING/INHALING THE CONTENTS, MAY BE HARMFUL/FATAL. IRRITATION.
ORGANIC SOLVENTS-IRRITATION, TEARING, REDNESS, DRYING/CRACKING OF THE SKIN,
DIZZINESS, NAUSEA, FATIGUE, VOMITING

=====
Disclaimer (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 o
r 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 responsibi
lity for the suitability of this information to their
particular situation regardless of similarity to a corresponding Department
of Defense or other government situation.