

RAM CHEMICALS, WHITTAKER DIV/LILLY INDUSTRIES INC -- 87-X102 -- 3680-00-237-3457

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Product Identification  
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Product ID:87-X102

MSDS Date:10/31/1997

FSC:3680

NIIN:00-237-3457

MSDS Number: CFMPY

=== Responsible Party ===

Company Name:RAM CHEMICALS, WHITTAKER DIV/LILLY INDUSTRIES INC

Address:210 E ALONDRA BLVD

City:GARDENA

State:CA

ZIP:90248-2808

Country:US

Info Phone Num:310-352-3087/213-321

-0710

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

CAGE:22401

=== Contractor Identification ===

Company Name:RAM CHEMICALS, WHITTAKER DIV/LILLY INDUSTRIES INC

Address:210 E ALONDRA BLVD

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Composition/Information on Ingredients  
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Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 10%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH T

LV:ASPHYXIAN; 9192

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 77.28%

Other REC Limits:NONE SPECIFIED

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ISOBUTANE

CAS:75-28-5

RTECS #:TZ4300000

Fraction by Wt: 10%

Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:TLV FOR METHYLENE CHLORIDE IS 50 PPM.

Routes of Entry: Inhala

tion:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY

CAUSE IRRITATION AND BURNS.INGEST:MAY CAUSE GI TRACT

IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:METHYLENE

CHLORIDE MAY DAMAGE KIDNEYS AND LIVER.

Explanation of Carcinogenicity:CONTAINS METHYLENE

CHLORIDE;NTP-AC,IARC-2B.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:PER

SONS WITH PRE-EXISTING LIVER AND

KIDNEY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH LUKEWARM

WATER.GET MEDICAL ATTENTION IF NEEDED.EYES:FLUSH WITH WATER FOR 15

MINUTES.GET IMMEDIATE MEDICAL ATTENTION.INHAL:REMOVE TO FRESH

AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.GET IMMEDIATE

MEDICAL ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT

QUALIFIED MEDICAL ATTENTION. IF CONSCIOUS, RINSE MOUTH WITH WATER; GIVE 6-8 OZ OF WATER.

===== Fire Fighting Measures =====

Flash Point Method: TCC

Flash Point: 300F, 149C

Extinguishing Media: CLASS B EXTINGUISHERS: DRY CHEMICAL, CARBON DIOXIDE, FOAM. WATER SPRAY MAY BE AN INEFFECTIVE EXTINGUISHANT.

Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Exp

losion Hazard: CONTAINERS MAY BURST AT ELEVATED TEMPERATURES.

===== Accidental Release Measures =====

Spill Release Procedures: USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT. VENTILATE AREA. SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT (CLAY, SAND); PLACE IN PROPER CONTAINER FOR DISPOSAL.

Neutralizing Agent: NOT APPLICABLE.

===== Handling and Storage =====

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED

PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions: EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUE; DISPOSE OF PROPERLY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS, DEPENDING ON THE AIRBO

RN CONCENTRATION.

Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves: NBR, NEOPRENE, BUNA N, NITRILE.

Eye Protection: CHEMICAL SPLASH GOGGLES/FACE SHIELD

Other Protective Equipment: PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS PRODUCT. WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

NONE

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= Physical/Chemical Properties =====

HCC:V2

Boiling Pt:B.P. Text:104F,40C

Vapor Density:>1

Spec Gravity:1.01

Evaporation Rate & Reference: