

RAM CHEMICALS DIVISION DIV WHI -- MOLD RELEASE 225

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

FSC: 3680  
NIIN: 00-237-3457  
MSDS Date: 01/24/1992  
MSDS Num: BPFRT  
Product ID: MOLD RELEASE 225  
MFN: 04  
Responsible Party  
Cage: HO067  
Name: RAM CHEMICALS DIVISION DIV WHITTAKER CORP  
Address: 210 E ALONDRA BLVD  
City: GARD  
ENA CA 90248-2808  
Info Phone Number: 213-321-0710  
Emergency Phone Number: 213-321-0710  
Proprietary Ind: Y  
Review Ind: Y  
Published: Y

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

Cage: 0RCD8  
Name: HOOSIER INDUSTRIAL SUPPLY  
Address: 1223 CHICAGO AVE  
City: GOSHEN IN 46527-0929  
Phone: 219-533-8565  
Cage: HO067  
Name: RAM CHEMICALS DIV. WHITTAKER CORP.  
Address: 210 E ALONDRA BLVD  
City: GARDENA CA 90248-2808  
Phone: U  
NKNOWN  
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: CN  
Quantitative Expression: 00000000015OZ  
UI Container Qty:

Type of Container: AEROSOL CAN

=====  
Ingredients  
=====

Name: \*\*\* PROPRIETARY \*\*\*  
-----  
=====

Health Hazards Data  
=====

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSH

A: NO

Effects of Exposure: MAY CAUSE IRRITATION OF RESPIRATORY TRACT IF VAPORS INHALED. MAY IRRITATE SKIN AND EYES ON CONTACT. MAY BURN EYES ON CONTACT.

Explanation Of Carcinogenicity: METHYLENE CHLORIDE IS LISTED BY NTP, IARC AND ACGIH AS A SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: INHALED: COUGHING, WHEEZING, SHORTNESS OF BREATH, DIZZINESS, NAUSEA. EYES: REDNESS, TEARING, BURNING SENSATION, DISCOMFORT. SKIN: REDNESS, DRY SKIN, ITCHING. INGESTED: NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated By Exposure: PERSONS WITH A HISTORY OF CARDIOVASCULAR DISEASE SHOULD AVOID BREATHING THE VAPORS.

First Aid: INHALED: REMOVE TO FRESH AIR. IF BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. EYES: FLUSH WITH LOTS OF WATER. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INGEST ED: NONE SPECIFIED BY MANUFACTURER. GET IMMEDIATE MEDICAL ATTENTION.

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

Spill Release Procedures: VENTILATE AREA.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: FOLLOW EPA HAZARDOUS WASTE REGULATIONS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE AWAY FROM SOURCES OF IGNITION.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.  
=====

Fire and Explosion Hazard Information  
=

=====  
Lower Limits: 2.4

Upper Limits: 22

Extinguishing Media: ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: CONTAINERS MAY RUPTURE OR EXPLODE IF EXPOSED TO DIRECT FLAME OR FIRE.

=====  
Control Measures

=====  
Respiratory Protecti

on: USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTIDGE OR SCBA IF ENGINEERING EQUIPMENT FAILS. IF RESPIRATORY PROTECTION USED; A PROGRAM IN ACCORDANCE WITH 29 CFR 1910.134 MUST BE IMPLEMENTED.

Ventilation: USE LOCAL EXHAUST SUFFICIENT TO KEEP VAPORS BELOW TLV.

Protective Gloves: NITRILE RUBBER, IF SKIN CONTACT PROLONGD

Eye Protection: GOGGLES

Other Protective Equipment: NONE NORMALLY REQUIRED.

Work Hygienic Practices: WASH HANDS BEFORE EATING, DRINKING, OR SMOKING.

Supplemental S

afety and Health: FORMULA CHANGE. PART A OF TWO PART KIT. ONLY PART A CHANGED FORMULA. THIS MSDS REPRESENTS FORMULA CHANGE FOR PART A.

=====  
Physical/Chemical Properties

=====  
HCC: V2

Boiling Point: =39.4C, 103.F

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 340 MM HG

Vapor Density: &gt;1 (AIR=1)

Spec Gravity: 1.64 (WATER=1)

Solubility in Water: UNKNOWN

Appearance and Odor: AEROSOL WIT

H HALOCARBON SOLVENT ODOR

Percent Volatiles by Volume: &gt;99

Corrosion Rate: UNKNOWN

=====  
Reactivity Data

=====  
Stability Indicator: YES

Stability Condition To Avoid: EXCESS HEAT, IGNITION SOURCES.

Materials To Avoid: NONE KNOWN

Hazardous Decomposition Products: OXIDES OF CARBON AND HYDROGEN CHLORIDE

Hazardous Polymerization Indicator: NO  
=====

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: HO067

Trans ID NO: 59149

Product ID: MOLD RELEASE 225

MSDS Prepared Date: 01/24/1992

Review Date: 10/01/1997

MFN: 4

Tech Entry NOS Shipping Nm: METHYLENE CHLORIDE AND PROPANE.

Radioactivity: NOT RELEVANT

Net Un

it Weight: 1.8 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 0

Type Of Container: AEROSOL CAN

Additional Data: NONE

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: MOLD RELEASE 225  
Cage: HO067  
Assigned IND: Y  
Company Name: RAM CHEMICALS DIV. WHITTAKER CORP.  
Street: 210 E ALONDRA BLVD  
City: GARDENA CA  
Zipcode: 90248-2808  
Health Emergency Phone: 213-321-0710  
Label Required IND: Y  
Date Of Label Revie

w: 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: None  
Reactivity Hazard: None

Hazard And Precautions: CONTAINER MAY EXPLODE IN HEAT OF FIRE. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY CAUSE EYE IRRITATION. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. STORE AWAY FROM SOURCES O

F IGNITION. FIRST

AID: INHALED: REMOVE TO FRESH AIR. IF BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. EYES: FLUSH WITH LOTS OF WATER. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INGESTED: NONE SPECIFIED BY MANUFACTURER. GET IMMEDIATE MEDICAL ATTENTION.

=====  
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 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 Ameri

ca 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.