

ZENECA ZENECA AG PRODUCTS -- DEMAND CS

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MSDS Safety Information
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FSC: 6840
NIIN: 01-428-6646
MSDS Date: 09/06/1997
MSDS Num: CLJVJ
Product ID: DEMAND CS
MFN: 02
Responsible Party
Cage: 0X6X4
Name: ZENECA INC ZENECA AG PRODUCTS
Address: 1800 CONCORD PIKE
Box: 15438
City: WILMINGTON D
E 19897-5438
Info Phone Number: 302-886-3000 / 1553
Emergency Phone Number: 302-886-3000/800-327-8633 (MEDICAL)
Resp. Party Other MSDS No.: 0641

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Item Description Information
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Item Manager: S9G
Item Name: INSECTICIDE,LAMBDA-CYHALOTHRIN
Specification Number: NONE
Type/Grade/Class: NONE
Unit of Issue: BX
Quantitative Expression: 00000000008EA
UI Container Qty: 0
Type of Container: PLASTIC
CONTA

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50 INGESTION RAT: > 5000 MG/KG
Effects of Exposure: TARGET ORGANS: N/P. IRRITANT (EYE, SKIN, RESPIRATORY
PASSAGES, SKIN SENSITIZERS). INHALATION (TLV) H

ARMFUL (ORAL) BASED ON

AROMATIC PETROLEUM SOLVENT - IRRITANT (SKIN), HARMFUL (CENTRAL NERVOUS SYSTEM DEPRESSION, GASTROINTESTINAL DISTURBANCE). INGESTION: SEVERE GASTROINTESTINAL DISTURBANCE IS ASSOCIATED WITH INGESTION OF HYDROCARBON SOLVENT. INGESTION OF EXCESSIVE QUANTITIES CAN ALSO INDUCE SIGNS OF CENTRAL NERVOUS SYSTEM DEPRESSION (E.G., DROWSINESS, DIZZINESS, LOSS OF COORDINATION, AND FATIGUE). SMALL AMOUNTS OF HYDROCARBON SOLVENT ASPIRATED INTO LUNGS DURING INGESTION OF VOM

ITING MAY INDUCE SEVERE LUNG CONGESTION, COMA, AND DEATH

Explanation Of Carcinogenicity: N/P. CONTAINS <2.0% SILICA, CRYSTALLINE (QUARTZ) CAS 14808-60-7 ().

Signs And Symptions Of Overexposure: LABOR BREATHING, COMA, DEATH, PROBABLY MILDLY IRRITATING TO EYES, MODERATELY SKIN IRRITANT AND MILD SENSITIZER, TINGLING, ITCHING, BURNING, PRICKLING, GLOWING, FLUSHING, NUMBNESS, CHAPPED FEELING. PRO BABLY NOT ABSORBED THROUGH SKIN. MODERATELY TOXIC BY INHALATION WITH SYMPTOMS OF HEAD ACH

E, DIZZINESS, NAUSEA. INGESTION CAN INDUCE NAUSEA, VOMITING, ABDOMINAL PAIN, DIARRHEA

Medical Cond Aggravated By Exposure: NO DATA PROVIDED BY MANUFACTURER

First Aid: IF IN EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF REDNESS, ITCHING OR A BURNING SENSATION DEVELOPS, HAVE EYES EXAMINED AND TREATED BY MEDICAL PERSONNEL. IF ON SKIN: WASH M ATERIAL OFF THE SKIN WITH PLENTY OF SOAP AND WATER. IF REDNESS, ITCHING/A BURNING SENSATION DEVELOPS, GET MEDICAL ATTENTIO

N. IF SWALLOWED: PROVIDED PATIENT IS CONSCIOUS, GIVE 1 OR 2 GLASSES OF WATER T O DRINK. VOMITING SHOULD ONLY BE INDUCED UNDER DIRECTION OF A PHYSICIAN. CALL PHYSICIAN. IF INHALED: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS LABORED, GIVE OXYGEN. CONSULT MEDICAL PERSONNEL.

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Handling and Disposal
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Spill Release Procedures: WEAR SKIN, EYE AND RESPIRATORY PROTECTION DURING CLEANUP. KEEP OUT OF SEWERS AND DRAINS. SPREAD CLAY ON SPILL AND SHOVEL INTO AN OPEN DRUM. COVER CONTAMINATED AREAS WITH HOUSEHOLD DETERGENT (TIDE). US E A STIFF BRUSH AND SMALL AMOUNT OF WATER TO FORM A SLUFFY. LET IT STANDS 2-3 MINUTES. SPREAD ABSORBENT ON SLURRY AND SHOVEL MIXTURE INTO OPEN DRUM. HANDLE LARGE SPILLS ACCORDING TO PLAN.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER

Waste Disposal Methods: DO NOT CONTAMINATE WATERWAYS BY CLE

ANING OF EQUIPMENT

OR BY DISPOSAL OF WASTE. UNTREATED EFFLUENT SHOULD NOT BE DISCHARGED WHERE IT WILL DRAIN INTO LAKES, STREAMS, PONDS. DISCARDED PRODUCT IS NOT HAZARDOUS WASTE UNDER RCRA, 40 CFR 261.

Handling And Storage Precautions: CONTAINERS SHOULD BE STORED IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM FLAMMABLE MATERIALS AND SOURCES OF HEAT OR FLAME. EXERCISE DUE CAUTION TO PREVENT DAMAGE TO OR LEAKAGE FROM THE CONTAINER. DO NOT STORE NEAR FEED, FOOD, OR WITHIN THE REACH OF CHILDREN.

Other Precautions: EMPTY CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL HAZARD PRECAUTIONS. DO NOT DISTRIBUTE OR MAKE AVAILABLE, FURNISH OR REUSE EMPTY CONTAINER EXCEPT FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT. REMOVE ALL PRODUCT RESIDUE FROM CONTAINER AND PUNCTURE OR OTHERWISE DESTROY EMPTY CONTAINER BEFORE DISPOSAL.

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Fire and Explosion Hazard Information
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Flash

Point Method: SCC
Flash Point: >100.C, 212.F
Autoignition Temp Text: N/DATA
Lower Limits: NO DATA
Upper Limits: NO DATA

Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL, HALOGENATED AGENTS.
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE AND PROTECTIVE CLOTHING. HIGH PRESSURE WATER HOSE MAY SPREAD PRODUCT FROM BROKEN CONTAINERS INCREASING CONTAMINATION OR FIRE HAZARD. CONTAMINATED BUILDING AND EQUIPMENT MUST NOT BE USED UNTIL THEY ARE PROPERLY

DECONTAMINATED. KEEP RUN OFF FROM ENTERING DRAINS
Unusual Fire/Explosion Hazard: IN A FIRE SITUATION, THE PRODUCT MAY SUPPORT COMBUSTION AFTER ITS WATER CONTENT HAS BOILED OFF. HEATING WILL GENERATE TOXIC VAPORS. IF NOT LEAKING, KEEP FIRE-EXPOSED CONTAINERS COOL WITH A WATER SPRAY TO PREVENT RUPTURE DUE TO EXCESSIVE HEAT.

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Control Measures
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Respiratory Protection: IF NEEDED, USE MSHA/NIOSH APPROVED RESPIRATOR FOR PESTICIDES.

Ventilation: IF NEEDED USE LOCAL EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRATION BELOW TLV.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: CHEMICAL SAFETY GLASSES, GOGGLES OR A FACESHIELD

Other Protective Equipment: AN ADEQUATE SUPPLY OF CLEAN POTABLE WATER SHOULD BE AVAILABLE TO ALLOW THOROUGH FLUSHING OF SKIN AND EYES IN EVENT OF CONTACT WITH THIS COMPOUND. FOOTWEAR, LONG SLEEVED CLOTHING AND WIDE BRIMMED HAT.

Work Hy

gienic Practices: REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REWEARING. WASH SEPARATELY FROM OTHER LAUNDRERY.

Supplemental Safety and Health: NONE

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Physical/Chemical Properties
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HCC: T5

Boiling Point: >100.C, 212.F

Vapor Pres: 1.5X10(-9)

Vapor Density: NO DATA

Spec Gravity: 1.036

PH: 5-6

Solubility in Water: DISPERSIBLE

Appearance and Odor: OFF-WHITE LIQUID WITH SLIGHT ODOR TYPICAL OF AROMATIC

PETROLEUM SOLVT

Percent Volatiles by Volume: NO DATA

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: STABLE UNDER NORMAL CONDITIONS.

Materials To Avoid: NONE KNOWN.

Hazardous Decomposition Products: COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES, AMMONIA, TRACE AMOUNTS OF HYDROGEN CYANIDE.

Hazardous Polymerization Indica

tor: NO

Conditions To Avoid Polymerization: NO DATA PROVIDED BY MANUFACTURER

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Toxicological Information
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Toxicological Information: NO DATA PROVIDED BY MANUFACTURER

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Ecological Information
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Ecological: NO DATA PROVIDED BY MANUFACTURER

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MSDS Transport Information
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Transport Information: NO DATA PROVIDED BY MANUFACTURER

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Regulatory Information
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Sara Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40 C

FR PART 372:

<5.0% 1, 2,4-TRIMETHYLBENZENE (CAS# 95-63-6).

Federal Regulatory Information: THIS PRODUCT IS A PESTICIDE AND EXEMPT FROM TSCA REGULATION.

State Regulatory Information: CALIFORNIA PROPOSITION 65: WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

<0.2% SILICA, CRYSTALLINE (QUARTZ) (CAS# 14808-60-7).

Other Information

Other Information: EPA REGISTRATION NUMBER: 10182-361.

Transportation Information

Responsible Party Cage: 0X6X4
Trans ID NO: 158485
Product ID: DEMAND CS
MSDS Prepared Date: 09/06/1997
Review Date: 08/24/2001
MFN: 2
Net Unit Weight: 4 LBS/BX
Multiple KIT Number: 0
Unit Of Issue: BX
Container QTY: 0
Type Of Container: PLASTIC CONTA

Detail DOT Information

DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail IMO Information

IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

Detail IATA Information

IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail AFI Information

AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

HAZCOM Label

Product ID: LABEL COVERE

D UNDER EPA REGS - HAZCOM LABEL NOT AUTHORIZED

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