

ZENECA INC ZENECA AG PRODUCTS -- DEMAND CS - CALIFORNIA -- 6840-01-428-6646

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Product Identification
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Product ID:DEMAND CS - CALIFORNIA

MSDS Date:07/14/1999

FSC:6840

NIIN:01-428-6646

Status Code:A

MSDS Number: CKJWT

=== Responsible Party ===

Company Name:ZENECA INC ZENECA AG PRODUCTS

Address:1800 CONCORD PIKE

Box:15438

City:WILMINGTON

State:DE

ZIP:19897-5438

Country:US

Info Phone Num:3

02-886-3000 / 1553

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:US004666_01

Chemtec Ind/Phone:(800)424-9300

CAGE:0X6X4

=== Contractor Identification ===

Company Name:AMJAY CORP. DBA AMJAY CHEMICALS

Address:11200 WESTHEIMER SUITE 310

Box:218786

City:HOUSTON

State:TX

ZIP:77218-8786

Country:US

Phone:713-492-2000

Contract Num:SP0450-00-M-D982

CAGE:64184

Company Name:ZENECA AG PRODUCTS INC

Address:1800 CONCORD PIKE

Box:15438

City:WILMINGTON

State:DE

ZIP:19850

Country:US

Phone:302 88

6-1000 - MED 800-327-8633
CAGE:0X6X4

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Composition/Information on Ingredients
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Ingred Name:LAMBDA-CYHALOTHRIN TECHNICAL
CAS:91465-08-6
= Wt:9.7

Ingred Name:OTHER INGREDIENTS
= Wt:90.3

Ingred Name:1,2,4-TRIMETHYLBENZENE
CAS:95-63-6
RTECS #:DC3325000
< Wt:5.

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Hazards Identification
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LD50 LC50 Mixture:ORAL RAT LD50 >5000 MG.KG
Health Hazards Acute and Chronic:IRRITANT (EYE, SKIN, RESPIRATORY
PASSAGES, SKIN SENSITIZE
R). INHALATION (TLV) HARMFUL (ORAL) BASED
ON THE AROMATIC PETROLEUM SOLVENT - IRRITANT (SKIN), HARMFUL
(CENTRAL NERVOUS SYSTEM DEPRESSION, GAST ROINTESTINAL DISTURBANCE).
Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Effects of Overexposure:INGESTION (HYDROCARBON SOLVENT WITHIN
MICROCAPSULE): SEVERE GASTROINTESTINAL DISTURBANCE, CNS DEPRESSION
(DROWSINESS, DIZZINESS, LOSS OF COORDINATION, FATIGUE); ASPIRATION
OF VOMITUS MAY CAUSE LUNG CO NGESTION, LABO
RED BREATHING, COMA,
POSSIBLE DEATH.
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE
PARTY.

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First Aid Measures
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First Aid:EYES:IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.IF
REDNESS,ITCHING OR A BURNING SENSATION DEVELOPS,HAVE EYES EXAMINED
BY MEDICAL PERSONNEL.SKIN:WASH MATERIAL OFF WITH PLENTY OF SOAP &
WATER. IF REDNESS,ITCHING OR BURNING SENSATION DEVELOPS,GET MEDICAL
ATTENTION.INHALED:REM

OVE VICTIM TO FRESH AIR.IF NOT BREATHING,GIVE
ARTIFICIAL RESPIRATION. IF BREATHING LABORED,GIVE OXYGEN.CONSULT
MEDICAL PERSONNEL.IF CONSCIOUS,WASH MOUTH WITH WATER.IMMEDIATELY
CONTACT ZENECA AT 1-800-327-8633.INDUCE VOMITING ONLY UNDER MEDICAL
GUIDANCE.IF VOMITING OCCURS,PUT HEAD DOWN BELOW WAIST. IMMEDIATELY
TRANSPORT TO EMERGENCY MEDICAL FACILITY.

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

Flash Point Method:SCC

Flash Point:>100.C, 212.F

Autoig

nition Temp:Autoignition Temp Text:N/DATA

Lower Limits:NO DATA

Upper Limits:NO DATA

Extinguishing Media:WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE, DRY
CHEMICAL, HALOGENATED AGENTS.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPRATUS WITH FULL
FACEPIECE AND PROTECTIVE CLOTHING. KEEP FIRE EXPOSED CONTAINER COOL
WITH WATER SPRAY TO PREVENT RUPTURE FOR EXCESSIVE HEAT. HIGH
PRESSURE WATER HOSE MAY SPR EAD PRODUCT INCREASING CONTAMINATION OR
FIRE HAZARD. CONTAIN RUN-OFF.

Unusu

al Fire/Explosion Hazard:PRODUCT MAY SUPPORT COMBUSTION AFTER
WATER CONTENT BOILED OFF (AS IN A FIRE). HEATING WILL GENERATE
TOXIC VAPORS.

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

Spill Release Procedures:WEAR SUITABLE PERSONAL PROTECTIVE CLOTHING &
EYE PROTECTION INCLUDING AIR-SUPPLIED RESPIRATOR.DO NOT ALLOW
MATERIAL TO ENTER STREAMS,SEWERS OR OTHER WATERWAYS. SPREAD
SUITABLE ABSORBENT ON THE SPILL & SHOVEL INTO OPEN DRUM.COVER
CONTAMINATED

AREA WITH COMMON HOUSEHOLD DETERGENT.USE STIFF BRUSH &
WATER WATER,BRUSH AREA THEN LET STAND 2-3 MINUTES,SPREAD ABSORBENT
INTO SLURRY THEN SHOVEL INTO DRUM.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

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 T

O 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 REUSE EMPTY CONTAINER EXCEPT FOR STORAGE OR SHIPMENT OF ORIGINAL PRODUCT. REMOVE ALL PRODUCT RESIDUE FROM CONTAINER & PUNCTURE OR OTHERWISE DESTROY EMPTY CONTAINER AND PUNCTURE OR OTHERWISE DESTROY EMPTY CONTAINER BEFORE DISPOSAL.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF NEEDED, USE MSHA-NIOSH APPROVED RESPIRATOR FOR PESTICIDES.

Ventilation:USE VENTILATION ADEQUATE TO MAINTAIN SAFE LEVELS. IF NEEDED, USE LOCAL EXHAUST TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW THE TLV.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SAFETY GLASSES, GOGGLES OR FACESHIELD.

Other Protective Equipment:THIS PRODUCT IS FIFRA REGULATED. REFER TO PRODUCT LABELING FOR END-USER PERSONAL PROTECTION REQUIREMENTS.

WEAR IMPERVIOUS FOOTWEAR, LONG-SLEEVED CLOTHING AND WIDE BRIMMED HAT.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING AND WASH BEFORE RE-WEARING. WASH SEPARATELY FROM OTHER LAUNDRY.

Supplemental Safety and Health

AN ADEQUATE SUPPLY OF CLEAN POTABLE WATER SHOULD BE AVAILABLE TO ALLOW THOROUGH FLUSHING OF SKIN AND EYES IN THE EVENT OF CONTACT WITH THIS COMPOUND.

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Physical/Chemical Properties
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HCC:T5

Boiling Pt:>100.C, 212.F

Vapor Pres:

1.5 X 10E-9 @ 20C

Vapor Density:NO DATA

pH:7.3

Solubility in Water:DISPERSIBLE

Appearance and Odor:OFF-WHITE LIQUID; SLIGHT ODOR TYPICAL OF AROMATIC PETROLEUM SOLVENT

Percent Volatiles by Volume:NO DATA

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
NONE KNOWN.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AMMONIA. TRACE AMOUNT

TS OF HYDROGEN CYANIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:LD 50 INGESTION RAT, > 5000 MG/KG, MATERIAL IS CLASSIFIED AS "VERY LOW TOXICITY" BY INGESTION. IN HUMANS, INGESTION OF SOLVENT MAY CAUSE SEVERE GASTROINTESTINAL DISTURBANCE, CNS DEPRESSION (DROWSINESS , DIZZINESS, LOSS OF COORDINATION, FATIGUE); ASPIRATION OF VOMITUS MAY CAUSE LUNG CONGESTION, LABORED BREATHING, COMA, POSSIBLE DEATH.LC50 INHALATION RAT, > 4.62 MG/L, THIS MATERIAL IS CLASSIFIED AS " MODERATELY TOXIC" BY INHALATION. AT HIGH CONCENTRATIONS, VAPORS OR AEROSOLS OF THE SOLVENT CAN PRODUCE RESPIRATORY AND CNS DEPRESSION, HEADACHE, DIZZINESS & NAUSEA.

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Disposal Considerations =====

Waste Disposal Methods:DO NOT CONTAMINATE WATERWAYS BY CLEANING OF EQUIPMENT OR BY DISPOSAL OF WASTES. UNTREATED EFFLUENT SHOULD NOT BE DISCHARGED WHERE IT WILL DRAIN INTO WATERWAYS. DISCARDED PRODUCT IS NOT A HAZARDOUS WASTE UNDER RCRA, 40 CFR 261.

===== MSDS Transport Information =====

Transport Information:ROAD TRANSPORT DOT: NOT REGULATED BY DOT.

===== Regulatory Information =====

SARA Title III Information:SECTION 313 SUPPLIER NOTIFICATION: 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 (EPCRA) AND OF 40 CFR 372: