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## **DEMON EC INSECTICIDE**

### **MSDS Number**

BGZSG

### **National Stock Number**

6840-00F009287

### **Product Name**

DEMON EC INSECTICIDE

### **Manufacturer**

ICI AMERICAS INC

### **Product Identification**

Product ID: DEMON EC INSECTICIDE

MSDS Date: 06/02/1988

FSC: 6840

NIIN: 00F009287

MSDS Number: BGZSG

### **Responsible Party**

ICI AMERICAS INC

WILMINGTON, DE 19897

Emergency Phone: (302) 575-3000

Info Phone: (302) 575-3000

Cage: 7W772

### **Contractor**

ICI AMERICAS INC AGRICULTURAL CHEMICAL DIV

WILMINGTON, DE 19897

US

302-886-3000/800-424-9300(CHEMTREC)

Cage: 7W772

### **Ingredients**

NON-HAZARDOUS FOR INGREDIENTS

Fraction By Weight: 10%

SOLVENT-REFINED & HYDROFINISHED PARAFFINIC OIL

Fraction By Weight: 20%

ACGIH TLV: 5 MG/CUM

XYLENE

CAS: 130-20-7

RTECS: ZE2190000

Fraction By Weight: 44.7%

OSHA PEL435 MG/CUM

ACGIH TLV: 435 MG/CUM



(T,-)A-CYANO-(3-PHENOXYPHENYL)METHYLO(T,-)-CIS,

CAS: 52315-07-8

RTECS: GZ1250000

Fraction By Weight: 25.3%

OSHA PEL435 MG/CUM

ACGIH TLV: 435 MG/CUM

## Hazards

LD50 LC50 Mixture:ORAL LD50 RAT 0.35 MG/KG IN MALES.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: RESPIRATORY/CNS

DEPRESSION/HEADACHE/DIZZINESS/NAUSEA/MUCOUS MEMBRANE IRRITATION OF EYES, NOSE, THROAT & RESPIRATORY PASSAGES. SKIN: IRRITANT, SENSITIZER, PARESTHESIA, NUMBNESS, PRICKLING. IF ASPIRATED IN THE LUNGS DURING VOMITING, MAY INDUCE SEVERE LUNG CONGESTION RESULTING IN LABORED BREATHING/COMA/DEATH.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: NAUSEA/VOMITING/ABDOMINAL

CRAMPS/TENDERNESS/DIARRHEA/CONVULSION/UNCONSCIOUSNESS/COMA/RESPIRAT

ORY FAILURE. SKIN: TINGLING/BURNING/PRICKLING/NUMBING

SENSATION/REDNESS/ITCHING. INGESTION: DAM AGE TO OTHER ORGANS

LIVER, KIDNEY, BLOOD FORMING ELEMENT, CNS

DEPRESSION/GASTROINTESTINAL DISTURBANCE.

Medical Cond Aggravated by Exposure:CYPERMETHRIN TECHNICAL MATERIAL IS

ABSORBED THROUGH HUMAN SKIN IN SLIGHTLY TOXIC AMOUNTS. INDUCING

VOMITING TO REMOVE THIS MATERIAL FROM STOMACH CAN INCREASE THE RISK

OF PNEUMONITIS/PULMONARY EDEMA.

## First Aid

First Aid:SKIN: WASH OFF W/PLENTY OF SOAP & WATER. WASH CONTAMINATED

CLOTHING/DECONTAMINATE FOOTWEAR BEFORE REUSE. EYES: FLUSH W/PLENTY

OF WATER. INGESTION: DON'T INDUCE VOMITING. GIVE 1-2 GLASSES OF

WATER TO D RINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS

PERSON. INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING IS

LABORED, GIVE OXYGEN. CONSULT MEDICAL PERSONNEL.

## Fire Fighting

Flash Point Method:SCC

Flash Point:117F

Lower Limits:1.1%

Upper Limits:6.6%

Extinguishing Media:CO2, FOAM, DRY CHEMICAL, HALON 1211.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS WITH FULL

FACEPIECE AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:WATER SPRAY MAY BE USED TO COOL

CONTAINERS, BUT A WATER STREAM MAY SPREAD FLAMES.

## Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION/VENTILATE SPILL

AREA. WEAR SKIN, EYE, & RESPIRATORY PROTECTION DURING CLEANUP.

CONTAIN SPILL. KEEP OUT OF SEWERS/DRAINS. SOAK UP LIQUID

W/ABSORBENT & SHOVEL INTO A WASTE CONTAINER. COVER

CONTAINER/REMOVE FROM WORK AREA.

## Handling

Handling and Storage Precautions:PREVENT SKIN & EYE CONTACT. AVOID

BREATHING VAPORS OR AEROSOLS. DON'T STORE NEAR FEED, FOOD, OR

WITHIN THE REACH OF CHILDREN.

Other Precautions:EMPTY CONTAINER RETAINS HAZARDOUS RESIDUE. MAY

CONTAIN EXPLOSIVE VAPORS. KEEP AWAY FROM HEAT, SPARKS & FLAMES.

DON'T WELD OR USE A CUTTING TORCH ON OR NEAR CONTAINER. PUNCTURE OR

OTHERWISE DESTROY EMP TY CONTAINER BEFORE DISPOSAL.

## Exposure Controls



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

Ventilation: USE LOCAL EXHAUST TO MINIMIZE EXPOSURES.

Protective Gloves: IMPERVIOUS

Eye Protection: GOGGLES, FULL FACESHIELD

Other Protective Equipment: EYEWASH STATION & SAFETY SHOWER. APRON, ARM COVER, OF FULL BODY SUIT.

Work Hygienic Practices: GOOD INDUSTRIAL HYGIENE PRACTICE.

Supplemental Safety and Health

## Chemical Properties

Boiling Pt: B.P. Text: 368F

Vapor Pres: 18

Vapor Density: 3.5

Spec Gravity: 0.955

pH: 4.6

Solubility in Water: EMULSIFIABLE

Appearance and Odor: DARK BROWN LIQUID WITH HYDROCARBON ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: KEEP AWAY FROM HEAT, SPARKS & FLAMES.

Hazardous Decomposition Products: CO, CO<sub>2</sub>, NITROGEN OXIDES, AMMONIA, SULFUR OXIDES, HALOGEN, HALOGEN ACID, POSSIBLE TRACE AMTS OF CARBONYL HALIDE.

## Disposal

Waste Disposal Methods: THIS MATERIAL IS HIGHLY TOXIC TO FISH. DON'T CONTAMINATE WATERWAYS BY CLEANING IF EQUIPMENT/BY DISPOSAL OF WASTES. UNTREATED EFFLUENT SHOULDN'T BE DISCHARGED WHERE IT WILL DRAIN INTO LAKES/STREAMS/POND. DISPOSE OF IN A FACILITY FOR HAZARDOUS WASTE.

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