

ZENECA INC. ZENECA PHARMACEUTICALS GROUP (FORMERLY ICI ) -- DEMON WP INSECTICIDE  
-- 6840-01-390-4822

===== Product Identification =====

Product ID:DEMON WP INSECTICIDE

MSDS Date:09/24/1990

FSC:6840

NIIN:01-390-4822

Status Code:A

MSDS Number: CKXMV

=== Responsible Party ===

Company Name:ZENECA INC. ZENECA PHARMACEUTICALS GROUP (FORMERLY ICI  
)

Address:1800 CONCORD PIKE

City:WILMINGTON

Sta

te:DE

ZIP:19897

Country:US

Info Phone Num:302-886-3000

Emergency Phone Num:(800)424-9300

Chemtrec Ind/Phone:(800)424-9300

CAGE:13992

=== Contractor Identification ===

Company Name:EHRlich J C CHEMICAL CO INC

Address:500 SPRING RIDGE DR

Box:City:READING

State:PA

ZIP:19612-3848

Country:US

Phone:610-372-9700/FAX: 610-378-9744

Contract Num:SP045-01-M-D312

CAGE:8C885

Company Name:ZENECA INC. ZENECA PHARMACEUTICALS GROUP (FORMERLY ICI  
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===== Composition/Information on Ingredients =====

Ingred Name:CYPERMETHRIN CONCENTRATE 90%  
CAS:52315-07-8  
RTECS #:GZ1250000  
= Wt:44.4  
OSHA PEL:NOT LISTED

Ingred Name:CALCIUM SILICATE  
CAS:1344-95-2  
RTECS #:VV9150000  
= Wt:27.4  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:AMORPHOUS SILICA  
CAS:7631-86-9  
= Wt:18.2  
OSHA PEL:6 MG/M3

Ingred Name:OTHER INGREDIENTS  
= Wt:10.  
OSHA PEL:NOT LISTED

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

LD50 LC50 Mixture:ORAL LD50(RAT): 1.8 G/KG  
Health Hazards Acute and Chronic:INGESTION-RELATIVE TO OTHER MATERIALS,  
A SINGLE DOSE OF PRODUCT IS SLIGHTLY TOXIC. EYE-IT WILL PROBABLY  
IRRITATE HUMAN EYES. SKIN-IRRITATION WILL PROBABLY DEVELOP  
FOLLOWING REPEATED/ PROLONGED CONTACT . DERMATITIS/SKIN  
SENSITIZATION CAN DEVELOP AFTER REPEATED/PROLONGED CONTACT WITH  
HUMAN SKN. EXPOSURE MAY CAUSE PARESTHESIA, WHICH IS USUALLY  
DESCRIBED AS TINGLING, I

ITCHING, BURNING, PRICKLING, GLOWING ,  
FLUSHING, NUMBNESS OR A CHAPPED FEELING. SYMPTOMS OCCUR AROUND THE  
FACE (MOUTH/EYES) BUT MAY INVOLVE THE ARMS/HANDS. SYMPTOMS DEVELOP  
SHORTLY AFTER EXPOSURE OR BETWEEN 2-30 HRS. THERE IS NO EVIDENCE  
OF LONG-TERM/CUMULATIVE EFFECTS.

Effects of Overexposure:NAUSEA,VOMITING WITH COLICKY PAIN, TENESMUS,  
DIARRHEA, CONVULSIONS, UNCONSCIOUSNESS AND RESPIRATORY FAILURE CAN  
DEVELOP FOLLOWING INGESTION OF THIS PRODUCT.

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

First Aid:SKIN-WASH MATERIAL OFF SKIN WITH PLENTY OF SOAP & WATER. IF  
REDNESS, ITCHING OR A BURNING SENSATION DEVELOPS, GET MEDICAL AID.  
WASH CONTAMINATED CLOTHING & DECONTAMINATE FOOTWEAR BEFORE REUSE.  
EYES-IM MEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. IF  
REDNESS, ITCHING OR A BURNING SENSATION DEVELOPS, HAVE EYES  
EXAMINED & TREATED BY MEDICAL PERSONNEL. INGESTION-GIVE 1 OR 2  
GLASSES OF WATER TO DRINK. IF GASTROIN  
TESTINAL SYMPTOMS DEVELOP,  
CONSULT MEDICAL PERSONNEL. (NEVER GIVE ANYTHING BY MOUTH TO AN  
UNCONSCIOUS PERSON) INHALATION: REMOVE PERSON TO FRESH AIR. IF  
COUGH OR OTHER RESPIRATORY SYM PTOMS DEVELOP, SEE DOCTOR.

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

Autoignition Temp:Autoignition Temp Text:NO DAT

Lower Limits:NOT APPLICAB

Upper Limits:NOT APPLICAB

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

Fire Fighting

Procedures:SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT:

SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE AND  
PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED  
OR SPILLED: WEAR SKIN, EYE AND RESPIRATORY PROTECTION DURING  
CLEANUP. KEEP OUT OF SEWERS AND DRAINS. SWEEP UP AND RECOVER OR MIX  
MATERIAL WITH MOIST ABSOR BENT AND

SHOVEL INTO WASTE CONTAINER.

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

Handling and Storage Precautions:PRECAUTIONS TO BE TAKEN IN HANDLING OR STORAGE. PREVENT SKIN AND EYE CONTACT. OBSERVE TLV LIMITATIONS. A SENSITIZED INDIVIDUAL SHOULD NOT BE EXPOSED TO THIS PRODUCT WHICH CAUSED THE SENSITIZATION. DO NOT STORE NEAR FEED OR FOOD.

Other Precautions:CONTAINER DISPOSAL-EMPTY CONTAINER RETAIN PRODUCT RESIDUE. OBSERVE ALL HAZARD PRECAUTION. DO NOT DISTRIBUTE, MAKE

AVAILABLE, FURNISH OR REUSE EMPTY CONTAINER EXCEPT FOR STORAGE/SHIPMENT OF ORIGINAL STOCK. REMOVE HAZARDOUS RESIDUE USING APPROPRIATE SOLVENTS. THEN OFFER FOR RECYCLING/RECONDITIONING/PICK/DESTROY/DISPOSE.

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

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

Ventilation:USE LOCAL EXHAUST TO KEEP EXPOSURE TO A MINIMUM.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:

CHEMICAL TIGHT GOGGLES.

Other Protective Equipment:EYEWASH STATION AND SAFETY SHOWER IN WORK AREA. IMPERVIOUS GLOVES. DEPENDING ON CONDITIONS OF USE, ADDITIONAL PROTECTION MAY BE REQUIRES SUCH AS APRON, ARM COVERS, ARM COVERS, OR FULL BODY SUIT.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING AND DECOTAMINATE FOOTWARE BEFORE REUSE.

Supplemental Safety and Health

HAZARD SUMMARY: PHYSICAL HAZARDS: NONE. HEALTH HAZARDS: INHALATION (TLV), IRRITANT (SKIN, EYE), SKIN SENSITIZER, HARMFUL

(RESPIRATORY). READ THE ENTIRE MSDS FOR A MORE THOROUGH EVALUATION OF THE HAZARDS.

===== Physical/Chemical Properties =====

HCC:T4

Vapor Pres:NO DATA

Vapor Density:NO DATA

Spec Gravity:NO DATA

pH:8.6

Solubility in Water:DISPERSIBLE

Appearance and Odor:OFF WHITE. SLIGHTLY AROMATIC POWDER.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to A

void:STABLE UNDER NORMAL CONDITIONS.

Hazardous Decomposition Products:COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES, AMMONIA, HALOGEN ACIDS, POSSIBLE TRACE AMOUNTS OF CARBONYL HALIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:INGESTION: THE ACUTE ORAL LD50 IN RAT IS 1.8 G/KG. RELATIVE TO OTHER MATERIALS, A SINGLE DOSE OF THIS PRODUCT IS SLIGHTLY TOXIC

BY INGESTION. EYE CONTACT: THIS MATERIAL IS MODERATELY IRRITATING IN A RABBIT EYE IRRITATION TEST. SKIN CONTACT: THIS MATERIAL IS MILDLY IRRITATING IN A RABBIT DERMAL IRRITATION TEST. THIS MATERIAL IS A SKIN SENSITIZER IN ANIMAL TESTING. SKIN ABSORPTION: THE ACUTE DERMAL LD50 IN RABBITS IS ABOVE 2.0 G/KG. SYSTEMICALLY TOXIC CONCENTRATIONS ARE UNLIKELY TO BE ABSORBED THROUGH THE SKIN IN MAN.

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

Waste Disposal Methods:

THIS MATERIAL IS EXTREMELY TOXIC TO FISH. DO NOT CONTAMINATE WATERWAYS BY CLEANING OF EQUIPMENT OR BY DISPOSAL OR WASTE. UNTREATED EFFLUENT SHOULD NOT BE DISCHARGED WHERE IT WILL DRAIN INTO LAKES, STREAMS OR PONDS.

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

SARA Title III Information:CERCLA AND SARA REGULATIONS (40 CFR 355, 370, AND 372): THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA SECTION 313.

Federal Regulatory Information:TSCA (TOXIC SUBSTANCE CONTROL ACT) REGULATIONS, 40 CFR 710: THIS PRODUCT IS A PESTICIDE AND IS EXEMPT FROM TSCA REGULATIONS.

===== Other Information =====

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