

PRENTISS DRUG AND CHEMICAL CO INC -- 655-501 PRENTOX PYRONYL OIL CONCENTRATE  
#OR-3610-A -- 6840-01-104-0780

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

Product ID:655-501 PRENTOX PYRONYL OIL CONCENTRATE #OR-3610-A

MSDS Date:12/16/1994

FSC:6840

NIIN:01-104-0780

MSDS Number: CJFJW

=== Responsible Party ===

Company Name:PRENTISS DRUG AND CHEMICAL CO INC

Address:21 VERNON ST

Box:2000

City:FLORAL PARK

State:NY

ZIP:11001-2714

Country:US

Info Phone Num:516-326-1919

Emergency

Phone Num:516-326-1919

CAGE:86586

=== 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:SP0450-00-M-D296

CAGE:8C885

Company Name:PRENTISS INC

Address:CB 2000

Box:City:FLORAL PARK

State:NY

ZIP:11001

Country:US

Phone:516-326-1919

Contract Num:SP0450-98-M-CB65

CAGE:86586

===== Composition/Information on Ingredients =====

Ingred Na

me:PYRETHRUM (SARA III)  
CAS:8003-34-7  
RTECS #:UR4200000  
= Wt:3.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:PIPERONYL BUTOXIDE  
CAS:51-03-6  
RTECS #:XS8050000  
= Wt:6.  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:50 PPM

Ingred Name:HYDROTREATED LIGHT PETROLEUM DISTILLATE  
CAS:64742-47-8  
= Wt:81.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM

Ingred Name:N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE  
CAS:113-4  
8-4  
Code:F  
RTECS #:RB8575000  
= Wt:10.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE EXPOSURE MAY LEAD TO IRRITATION  
OF EYES AND MUCOUS AND NERVOUS SYSTEM SYMPTOMS. CHRONIC EFFECTS: AT  
HIGH ORAL DOSES, THE TYPE OF SOLVENT IN THIS PRODUCT HAS CAUSED  
IRREVERSIBLE DAMAGE TO THE LIV ER & KIDNEY (MALE ONLY) IN RATS.

THESE EFFECTS ARE NOT RELEVANT TO HUMANS AT OCCUPATIONAL LEVELS OF EXPOSURE.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:IRRITATION OF EYES AND MUCOSA,  
HYPEREXCITABILITY, UNCOORDINATION, DIARRHEA, CHRONIC CONVULSIONS.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE VOMITING. VOMITING MAY CAUS

E ASPIRATION

PNEUMONIA. IF INHALED, REMOVE VICTIM TO FRESH AIR. IF ON SKIN, REMOVE CONTAMINATED CLOTHING & WASH AFFECTED AREA WITH SOAP & WATER. IF IN EYES, FLUSH EYES WITH PLENTY OF WATER. CALL A PHYSICIAN IMMEDIATELY IF IRRITATION PERSIST.

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

Flash Point Method:CC

Flash Point:63.3C, 146.F

FOR SOLVENT

Lower Limits:0.6, SOLVENT

Upper Limits:7.0, SOLVENT

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL, SAND.

Fire Fighting Procedures:DO NOT INHALE VAPOR. USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. THIS PRODUCT IS TOXIC TO FISH, BIRDS, AND OTHER WILDLIFE. PREVENT SPREAD OF CONTAMINATED RUN-OFF.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID. KEEP CONTAINERS COOL TO AVOID EXPLOSIVE IGNITION.

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

Spill Release Procedures:TAKE CARE TO AVOID CONTACT WITH PESTICIDE AND WEAR PROTECTIVE EQUIPMENT

TO PREVENT CONTACT WITH THE PRODUCT OR

ITS VAPORS. COVER THE SPILLED AREA WITH GENEROUS AMOUNTS OF ABSORBENT MATERIAL (CLAY, DIATOMACEOUS EARTH, SAND, SAWDUST). SWEEP THE CONTAMINANT ONTO SHOVEL & PUT INTO SALVAGE DRUM.

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

Handling and Storage Precautions:DO NOT USE, POUR OR SPILL NEAR HEAT OR OPEN FLAME. EXPOSURE TO TEMPERATURES ABOVE 130F MAY CAUSE BURSTING. KEEP OUT OF REACH OF CHILDREN, DOMESTIC ANIMALS &

PETS.

Other Precautions:DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. PERIODICALLY INSPECT STORED MATERIAL. DO NOT CONTAMINATE THE ENVIRONMENT THROUGH IMPROPER DISPOSAL.

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

Respiratory Protection:NOT REQUIRED. AVOID INHALATION OF VAPORS.  
Ventilation:LOCAL EXHAUST AND MECHANICAL: AS REQUIRED TO MEET TLV.  
Protective Gloves:CHEMICAL RESISTANT.  
Eye Protection:FACE SHIELD, SAFETY GLASSES OR GOGGLES.  
Other Protective Equipment:WEAR LONG PANTS, LONG SLEEVED SHIRT OR OTHER BODY COVERING. AVOID SKIN OR EYE CONTACT.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING.  
Supplemental Safety and Health  
NONE

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

HCC:T5  
Spec Gravity:0.8290  
Solubility in Water:VIRTUALLY INSOLUBLE  
Appearance and Odor:YELLOW TO AMBER LIQUID, PLEasant WOODY ODOR.

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS AND ALKALIES.  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:NONE

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

Ecological:THIS PRODUCT IS TOXIC TO FISH, BIRDS AND OTHER WILDLIFE.

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

Waste Disposal Methods:WASTE RESULTING FROM THE USE OF THIS PRODUCT MAY BE DISPOSED OF ON SITE OR AT AN APPROVED WASTE DISPOSAL FACILITY.

TRIPLE RINSE CONTAINER. THEN OFFER FOR RECYCLING OR RECONDITIONING, OR PUNCTURE AND DISPOSE OF IN A SANITARY LANDFILL, OR BY OTHER PROCEDURES APPROVED BY STATE & LOCAL AUTHORITIES.

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.