

IDENTITY 655-00457-00000 PRENTOX DIAZINON 4E INS \*CONTINUED

IDENTITY 655-00457-00000 PRENTOX DIAZINON 4E INS

LEL N/D  
 UEL N/D

SECTION I  
 MANUFACTURERS NAME: PRENTISS DRUG AND CHEMICAL CO., INC.  
 ADDRESS: C.B. 2000  
 FLORAL PARK, N.Y. 11011  
 TELEPHONE NUMBER: (516)-326-1919 DATE PREPARED 9/25/89

NFPA HAZARD RATINGS HEALTH 2 FLAMMABILITY 2 REACTIVITY 1

SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

EXTINGUISHING MEDIA  
 DRY CHEMICAL, CO2, FOAM, WATER SPRAY  
 SPECIAL FIRE FIGHTING PROCEDURES  
 USE SELF-CONTAINED AIR SUPPLY. DO NOT BREATHE VAPORS. USE GOGGLES IF EYE PROTECTION IS NOT PROVIDED. PREVENT SPREAD OF CONTAMINATED RUNOFF. FIGHT FIRE FROM UPWIND POSITION. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

HAZARDOUS COMPONENTS  
 Diazinon (CAS# 333-41-5) 47.5%  
 O,0-diethyl-O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 27%  
 Xylene Range Aromatic Solvent (Supplier recommended) 25ppm(TWA) 30.0%  
 (Solvent contains the following SARA chemicals by weight:  
 Trimethyl Benzene (CAS# 95-63-6) 27%  
 Mesitylene (CAS# 108-67-8) 8%

UNUSUAL FIRE AND EXPLOSION HAZARDS  
 COMBUSTIBLE LIQUID KEEP CONTAINERS COOL TO AVOID EXPLOSIVE IGNITION. DIAZINON MAY GIVE OFF HYDROGEN CYANIDE, SUBSTITUTED PYRIMIDINES AND VARIOUS ALIPHATIC ORGANOPHOSPHATES UPON THERMAL DECOMPOSITION.

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS  
 Boiling Point 192 deg C - 200 deg C @ 760mmHg (toxicant)  
 Specific Gravity (H2O=1) 1.0096 @ 25 deg C  
 Vapor Pressure (mmHg) 0.5mmHg @ 20 deg C  
 Melting Point N/D  
 Vapor Density (AIR=1) N/D  
 Evaporation Rate (Butyl Acetate=1) N/D  
 Solubility in Water 40mg/l @ 20 deg C Product Emulsifies  
 Appearance and Odor Light brown liquid with faint ester-like odor.

SECTION V-REACTIVITY DATA  
 Stability  
 Conditions to avoid for stability YES  
 Avoid storage at high temperatures  
 Incompatibility (materials to avoid)  
 Avoid contamination with water, acids and alkalis.  
 Hazardous decomposition or byproducts  
 Hydrogen cyanide gas upon thermal decomposition S-TEPP and diazoxon may form in presence of small traces of water.  
 Hazardous polymerization NO  
 Conditions to avoid for hazardous polymerization NONE

SECTION IV-FIRE AND EXPLOSION HAZARD DATA  
 Flash Point (Method Used) 122 deg F closed cup  
 Flammable Limits N/D

SECTION VI-HEALTH HAZARD DATA  
 Inhalation YES  
 Skin YES  
 Ingestion YES

SECTION IV-FIRE AND EXPLOSION HAZARD DATA  
 Health Hazards (Acute and Chronic)  
 Cholinesterase Inhibitor-Atropine Sulfate is Antidotal.  
 Carcinogenicity NTP  
 IARC Monographs NO

#98

IDENTITY 655-00457-0000 PRENTOX DIAZINON 4E INS \*CONTINUED

OSHA REGULATED NO

SIGNS AND SYMPTOMS OF EXPOSURE  
MAY CAUSE EYE IRRITATION AND TEARING. CAN BE ABSORBED THROUGH SKIN AND LEAD TO SKIN IRRITATION AND ITCHING. OTHER SYMPTOMS INCLUDE: HEADACHE, GIDDINESS, BLURRED VISION, DIARRHEA, DISCOMFORT IN THE CHEST, NERVOUSNESS, SWEATING, Miosis (PINPOINT PUPIL), SALIVATION, UNCONTROLLABLE MUSCLE TWITCHES, CONVULSIONS, LOSS OF REFLEXES AND SPHINCTER CONTROL.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE  
RESTRICT EXPOSURE OF PERSONS BEING TREATED WITH MORPHINE, THEOPHYLLINE, AMINOPHYLLINE AND PHENOTHIAZINE DRUGS OR HEMOLYTIC ANEMIAS OR PRE-EXISTING DEPRESSION OF CHOLINESTERASE. PERSONS WITH A PRE-EXISTING ALLERGIC HISTORY OR DERMATITIS SHOULD USE EXTREME CARE.  
EMERGENCY AND FIRST AID PROCEDURES  
EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, LIFTING EYELIDS FREQUENTLY. SKIN: WASH WITH SOAP AND WATER. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: MOVE VICTIM TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION IF NECESSARY. INGESTION: DO NOT INDUCE VOMITING. NOTE TO PHYSICIAN: ADMINISTER ATROPINE SULFATE. DO NOT GIVE MORPHINE.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE CLOTHING. SOAK UP SPILL WITH ABSORBENT MATERIAL AND PLACE IN RECOVERY DRUMS. DIKE AREA TO PREVENT RUNOFF INTO NEARBY WATERWAYS. WASH CONTAMINATED AREA WITH DETERGENT AND WATER. COLLECT RINSE FOR DISPOSAL. IF SPILL OCCURS ON HIGHWAYS INFORM THE HIGHWAY PATROL TO PREVENT VEHICLES FROM DRIVING OVER SPILL.

WASTE DISPOSAL METHOD  
BURY IN EPA APPROVED HAZARDOUS MATERIAL LANDFILL, OR BURN IN AN INCINERATOR APPROVED FOR PESTICIDE DESTRUCTION, IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS FOR HANDLING AND STORAGE  
PERIODICALLY INSPECT STORED MATERIALS. DO NOT CONTAMINATE WATER SUPPLIES. PROVIDE LOCAL VENTILATION. KEEP OUT OF REACH OF CHILDREN. WASH THOROUGHLY AFTER USING. DO NOT APPLY DIRECTLY TO WATER OR ALLOW CONTAMINATION OF WATERWAYS. DO NOT STORE NEAR FOOD OR FEED.  
OTHER PRECAUTIONS  
THIS PRODUCT IS TOXIC TO FISH, BIRDS, AND OTHER WILDLIFE.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION  
USE A RESPIRATOR, SUCH AS THE WILSON 6000 SERIES, WITH AN ORGANIC VAPOR CARTRIDGE AND PESTICIDE PREFILTER...  
VENTILATION: LOCAL EXHAUST  
USE IN WELL VENTILATED AREA

IDENTITY 655-00457-0000 PRENTOX DIAZINON 4E INS \*CONTINUED

VENTILATION: SPECIAL  
NOT APPLICABLE  
VENTILATION: MECHANICAL  
AS REQUIRED.  
VENTILATION: OTHER  
NOT APPLICABLE  
PROTECTIVE GLOVES  
PLASTIC OR RUBBER  
EYE PROTECTION  
FACE SHIELD OR GOGGLES  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT  
WEAR CLOTHING DESIGNED TO PREVENT EYE AND SKIN CONTACT.  
WORK/HYGIENIC PRACTICES  
LAUNDRY CLOTHING AFTER USE. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING AND SMOKING.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.