

P4612 MATERIAL SAFETY DATA SHEET

PG 1

PRAMITOL 25E HERBICIDE CIBA

REVISION OF: 07-18-88

REQUESTED FOR:

12600132
NEER ENTERPRISES
5025 FRONT FLOURNOY LUCAS
BOX 18445
SHREVEPORT LA 71138

ORDER NO:
PROD NO: 05623770

VAN WATERS & ROGERS INC. 1600 NORTON BLDG. SEATTLE, WA 98104-1564

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FOR EMERGENCY ASSISTANCE INVOLVING CHEMICALS CALL CHEMTREC
(800) 424-9300.

-----FOR PRODUCT AND SALES INFORMATION-----

CONTACT YOUR LOCAL VAN WATERS & ROGERS BRANCH OFFICE

-----PRODUCT IDENTIFICATION-----

PRODUCT NAME: PRAMITOL 25E
COMMON NAMES/SYNONYMS: PROMETON;
TRIAZINE HERBICIDE

CAS NO.: UNASSIGNED
VW&R CODE: P4612

FORMULA: MIXTURE
HAZARD RATING (NFPA 704 CRITERIA)
HEALTH: 2
FIRE: 3
REACTIVITY: 0
SPECIAL: NONE

DATE ISSUED: 03/88
SUPERCEDES: NONE
HAZARD RATING SCALE:
0=MINIMAL 3=SERIOUS
1=SLIGHT 4=SEVERE
2=MODERATE

-----HAZARDOUS INGREDIENTS-----

| COMPONENT | CAS NO. | % | EXPOSURE LIMITS, MG/M3 | | | HAZARD |
|-------------------|--------------|-----|------------------------|---------------|-------------|-----------|
| | | | OSHA PEL | ACGIH TLV | OTHER LIMIT | |
| PROMETON | 1610-18-0 | UNK | NONE | NONE | NONE | IRRITANT |
| AROMATIC NAPHTHA | UNREPORTED | UNK | 2000 | 350 | NONE | FLAMMABLE |
| ETHYLBENZENES | UNREPORTED | UNK | 435 | 435 | NONE | FLAMMABLE |
| SOLVENTS | TRADE SECRET | UNK | 300 | 150 (SKIN) | NONE | FLAMMABLE |
| TRIMETHYLBENZENES | UNREPORTED | UNK | NONE | 125 | NONE | FLAMMABLE |
| XYLENES | 1330-20-7 | UNK | 435 | 435 | NONE | FLAMMABLE |

-----PHYSICAL PROPERTIES-----

BOILING POINT, DEG F: 251 VAPOR PRESSURE, MM HG/20 DEG C: 3
MELTING POINT, DEG F: NOT APPLICABLE VAPOR DENSITY (AIR=1): NO DATA
SPECIFIC GRAVITY (WATER=1): 0.935 WATER SOLUBILITY, %: FOUND
APPEARANCE AND ODOR: EVAPORATION RATE (BUTYL ACETATE=1): SLIGHT
YELLOW TO AMBER LIQUID; AROMATIC SOLVENT ODOR < 1

-----FIRST AID MEASURES-----

IF INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION.

IN CASE OF EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING

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WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.

IN CASE OF SKIN CONTACT: IMMEDIATELY WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS AFTER WASHING.

IF SWALLOWED: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LOTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

NOTE TO PHYSICIAN: THERE IS NO SPECIFIC ANTIDOTE IF PRAMITOL 25E IS INGESTED. IF A LARGE AMOUNT HAS BEEN INGESTED, LAVAGE THE STOMACH WITH CARE AS THE PETROLEUM SOLVENT IN PRAMITOL 25E CAN CAUSE A CHEMICAL PNEUMONITIS IF ASPIRATED. BE ALERT FOR COMPROMISED AIRWAY. AFTER LAVAGE, A SUSPENSION OF THIRTY TO FIFTY GRAMS OF ACTIVATED CHARCOAL CAN BE LEFT IN THE STOMACH TO ABSORB REMAINING TOXICANT.

-----HEALTH HAZARD INFORMATION-----

PRIMARY ROUTES OF EXPOSURE: SKIN OR EYE CONTACT, INHALATION.

SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: PROLONGED OR REPEATED EXPOSURE OR BREATHING VERY HIGH CONCENTRATIONS MAY CAUSE RESPIRATORY TRACT IRRITATION AND CENTRAL NERVOUS SYSTEM DEPRESSION RESULTING IN DIZZINESS, BLURRED VISION, HEADACHES, NAUSEA, AND VOMITING.

EYE CONTACT: VAPORS MAY IRRITATE THE EYES. LIQUID AND MISTS MAY SEVERELY IRRITATE OR DAMAGE THE EYES. CONTAMINATION OF EYES MAY REQUIRE SPECIALIZED OPHTHALMOLOGIC ATTENTION.

SKIN CONTACT: BRIEF CONTACT MAY DRY THE SKIN. PROLONGED OR REPEATED CONTACT MAY IRRITATE THE SKIN, CAUSING DERMATITIS. MAY BE ABSORBED THROUGH THE SKIN.

SWALLOWED: SWALLOWING LARGE QUANTITIES CAUSES HEADACHE, ABDOMINAL PAIN, GASTRITIS, WEAKNESS, DIARRHEA, NAUSEA, VOMITING, AND PERHAPS UNCONSCIOUSNESS. IF VOMITING OCCURS SPONTANEOUSLY, DO NOT ALLOW VOMITUS TO BE BREATHED INTO THE LUNGS AS EVEN A SMALL QUANTITY IN THE LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS AND PULMONARY EDEMA/HEMORRHAGE.

CHRONIC EFFECTS OF EXPOSURE: PROLONGED OR REPEATED OVEREXPOSURE MAY RESULT IN DELAYED LIVER AND/OR KIDNEY DAMAGE, DAMAGE TO RED BLOOD CELLS, ASPHYXIATION, AND CARDIAC STRESS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PERSONS WITH CHRONIC RESPIRATORY DISORDERS OR PRE-EXISTING DERMATITIS SHOULD USE EXTRA CARE IN HANDLING THIS PRODUCT.

-----TOXICITY DATA-----

ORAL: RAT LD50 = 2.1 G/KG

DERMAL: RABBIT LD50 = 2 - 2.5 G/KG

INHALATION: RAT LC50 > 2.36 MG/L/4 HOURS

CARCINOGENICITY: THIS MATERIAL IS NOT CONSIDERED TO BE A CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM, THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

OTHER DATA: NONE

-----PERSONAL PROTECTION-----

VENTILATION: LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MAINTAINING EMISSIONS AT THE POINT OF USE BELOW THE LOWEST PEL.

RESPIRATORY PROTECTION: WEAR A NIOSH-APPROVED RESPIRATOR APPROPRIATE FOR THE VAPOR OR MIST CONCENTRATION AT THE POINT OF USE. APPROPRIATE

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RESPIRATORS MAY BE A FULL FACEPIECE OR A HALF MASK AIR-PURIFYING CARTRIDGE RESPIRATOR EQUIPPED FOR ORGANIC VAPORS/MISTS, A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE, OR A SUPPLIED-AIR RESPIRATOR.

EYE PROTECTION: CHEMICAL GOGGLES. IT IS GENERALLY RECOGNIZED THAT CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS BECAUSE CONTACT LENSES MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY.

PROTECTIVE CLOTHING: LONG-SLEEVED SHIRT, TROUSERS, SAFETY SHOES, RUBBER GLOVES, AND RUBBER APRON.

OTHER PROTECTIVE MEASURES: AN EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY FOR USE.

-----FIRE AND EXPLOSION INFORMATION-----

FLASH POINT, DEG F: 94
METHOD USED: TCC
EXTINGUISHING MEDIA: USE DRY CHEMICAL, CO2, OR ALCOHOL FOAM. DO NOT USE WATER TO FIGHT FIRE.

FLAMMABLE LIMITS IN AIR, %
LOWER: 1.3 UPPER: 4.9

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTINGUISH ALL NEARBY SOURCES OF IGNITION. VAPORS MAY TRAVEL TO AN IGNITION SOURCE AND FLASH BACK. VAPOR-AIR MIXTURES ARE FLAMMABLE ABOVE 77 DEGREES.

-----HAZARDOUS REACTIVITY-----

STABILITY: STABLE POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: HEAT, SPARKS, AND OPEN FLAMES.

MATERIALS TO AVOID: STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

-----SPILL, LEAK, AND DISPOSAL PROCEDURES-----

ACTION TO TAKE FOR SPILLS OR LEAKS: WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS, RUBBER GLOVES, RUBBER APRON, AND A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE OR A SUPPLIED-AIR RESPIRATOR. IF THE SPILL OR LEAK IS SMALL, A FULL FACEPIECE AIR-PURIFYING CARTRIDGE RESPIRATOR EQUIPPED FOR ORGANIC VAPORS MAY BE SATISFACTORY. IN ANY EVENT, ALWAYS WEAR EYE PROTECTION. FOR SMALL SPILLS OR DRIPS, MOP OR WIPE UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS. FOR LARGE SPILLS, CONTAIN BY DIKING WITH SOIL OR OTHER NON-COMBUSTIBLE SORBENT MATERIAL AND THEN PUMP INTO DOT-APPROVED WASTE CONTAINERS; OR ABSORB WITH NON-COMBUSTIBLE SORBENT MATERIAL, PLACE RESIDUE IN DOT-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOILS. COMPLY WITH ALL APPLICABLE GOVERNMENTAL REGULATIONS ON SPILL REPORTING, AND HANDLING AND DISPOSAL OF WASTE.

DISPOSAL METHODS: DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

NOTE: EMPTY CONTAINERS CAN HAVE RESIDUES, GASES AND MISTS AND ARE SUBJECT TO PROPER WASTE DISPOSAL, AS ABOVE.

-----SPECIAL PRECAUTIONS-----

STORAGE AND HANDLING PRECAUTIONS: STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT USE PRESSURE TO EMPTY CONTAINER. WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

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REPAIR AND MAINTENANCE PRECAUTIONS: DO NOT CUT, GRIND, WELD, OR DRILL ON OR NEAR THIS CONTAINER.

OTHER PRECAUTIONS: COMPONENTS OF THIS MIXTURE ARE VOLATILE AND WILL EVAPORATE IF THE CONTAINER IS LEFT OPEN OR IF IT IS STORED IN WARM PLACES. THIS WILL CHANGE THE COMPOSITION OF THIS MIXTURE AND THE RESULTING SOLUTION MAY NO LONGER BE SUITABLE FOR ITS INTENDED USE OR IT MAY HAVE DIFFERENT HAZARDOUS PROPERTIES THAN THOSE DESCRIBED HERE. OBSERVE THE STORAGE ADVICE TO MINIMIZE EVAPORATION. CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

-----FOR ADDITIONAL INFORMATION-----

CONTACT DOUGLAS EISNER, TECHNICAL DIRECTOR, VAN WATERS & ROGERS INC.
DURING BUSINESS HOURS, PACIFIC TIME (206)447-5911

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