

MATERIAL SAFETY DATA SHEET

WINFIELD SOLUTIONS, LLC

PRODUCT NAME(S)For Emergency Call: 1-877-424-7452 or
Chem Trec: 800-424-9300-**PRAMITOL 25E**

Effective Date: 09/14/07

I. IDENTIFICATION**CHEMICAL NAME OF PRIMARY COMPONENT(S):** 2,4-bis (isopropylamino) -6-methoxy-s-triazine**FORMULA:** C₁₀H₁₉N₅O**MOLECULAR WEIGHT:** 225.3**SYNONYMS:** Prometon**CAS # & NAME:** 1610-18-0 Prometon**EPA Reg No.** 66222-22-9779**II. INGREDIENTS/SUMMARY OF HAZARDS**

(H)/INGREDIENT(S)	CAS NUMBER	OSHA HAZARD NON-HAZARD (NH)	PERCENT
Prometon:	1610-18-0	H	25.00%
Xylene	1330-20-7	H	2.0%
Formulation aids		NH	73.00%

	NFPA ^{1/}	HMIS ^{2/}
HEALTH	2	2
FIRE	3	3
REACTIVITY	0	0

1/ National Fire Protection Association Rating

2/ Hazardous Materials Identification System

(4 = Extreme/Severe 3 = High/Serious 2 = Moderate 1 = Slight 0 = Minimum)

SARA TITLE III HAZARD CLASSIFICATION

IMMEDIATE (ACUTE) HEALTH	Yes
DELAYED (CHRONIC) HEALTH	Yes
FIRE	Yes
SUDDEN RELEASE OF PRESSURE	No
REACTIVE	No

III. PHYSICAL DATA

SPECIFIC GRAVITY: 7.80 lbs./gallon
BOILING POINT: 120-130°C
FREEZING POINT: Not determined
VAPOR PRESSURE: Prometon: 3.10E-06 mbar @ 20°C
SOLUBILITY IN WATER: Prometon: 0.7 g/L @ 22°C
APPEARANCE: Yellow to amber liquid
ODOR: Aromatic solvent odor

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 98°F (TTC)
FLAMMABLE LIMITS IN AIR: At 140°F - **LFL:** 1.30 +/- 25% - **UFL:** 4.90 +/- 25%
AUTOIGNITION TEMPERATURE: 340°C
EXTINGUISHING MEDIA: Use dry chemical, foam, or CO₂.
UNUSUAL FIRE AND EXPLOSION HAZARDS: This product is a flammable material and forms flammable mixtures above 77°F. Thermal decomposition products may include, but are not limited to, carbon monoxide or carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes, or products of combustion. Prevent use of contaminated buildings, area and equipment until decontaminated.

V. REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: Strong Acids.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: Will not occur.

VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES

TOXICOLOGY DATA:
Acute Oral LD₅₀ (rat): 2100 mg/kg
Acute Dermal LD₅₀ (rabbit): 2000 - 2500 mg/kg
Acute Inhalation: >2.5 mg/l air-4 hours
Eye Irritation (rabbit): Severely irritating
Dermal Irritation (rabbit): Severely irritating
Dermal Sensitization: Not determined

EXPOSURE LIMITS:

CHEMICAL NAME(S)	ACGIH (TLV)	OSHA (TWA)
Pramitol	Not established	Not established
Xylene	100 ppm	100 ppm

CARCINOGENICITY, TERATOGENICITY, MUTAGENICITY: Not listed as a carcinogen by NRC, IARC or OSHA

PRIMARY ROUTES OF ENTRY: Skin / eye contact, inhalation

SYMPTOMS OF ACUTE EXPOSURE: Exposure may cause substantial but temporary eye injury and severe skin irritation. If swallowed, abdominal pain, nausea, vomiting, gastritis, weakness, headache, or diarrhea can occur. Prolonged inhalation exposure may cause respiratory tract irritation and central nervous system depression, resulting in headache, dizziness, blurred vision or nausea. The petroleum solvent in this product can cause a chemical pneumonitis if aspirated.

EFFECTS OF REPEATED OVEREXPOSURE: Prolonged or repeated overexposure may cause skin and/or eye irritation

OTHER EFFECTS OF OVEREXPOSURE: Long-term exposure to low levels of the material is not known to cause any ill effects in humans. Prolonged exposure may result in neurotoxicity, muscular weakness, nausea, and kidney or liver damage.

EMERGENCY AND FIRST AID PROCEDURES:

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN

OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF INHALED: Move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTES TO PHYSICIAN: Contains petroleum distillate; vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage. Check for possible mucosal damage before beginning gastric lavage. Treat for circulatory shock, respiratory depression, and convulsions, if needed. There is no specific antidote if product is ingested. Induction of emesis is not recommended due to the large amount of petroleum solvent in this product, which could cause chemical pneumonitis if aspirated. If ingested, lavage stomach taking care to avoid aspiration of stomach contents into lungs. If inhaled, observe for delayed onset of pulmonary edema. Treat central nervous system effects symptomatically. Contact with eyes may require specialized ophthalmologic attention. An aqueous suspension of activated charcoal can be administered to absorb remaining toxicant.

Medical Condition(s) Likely to be Aggravated By Exposure

Individuals with chronic respiratory disorders or pre-existing dermatitis should use extra care when handling this product.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

ACTION TO TAKE FOR SPILLS/LEAKS:

Wear chemical goggles or a full-face shield, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering, and a NIOSH-approved full-face chemical cartridge respirator with organic vapor cartridges and pesticide pre-cartridges or a self-contained breathing apparatus (SCBA). For small spills, cover with an absorbent material such as pet litter. Sweep up and place in an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with pet litter or other absorbent material, sweep up and place in a chemical container. Seal the container and handle in an approved manner. Flush the area with water to remove any residue. Do not allow wash water to contaminate water supplies.

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

CONTAINER DISPOSAL: Dispose of in an approved facility according to federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool, dry, secure area away from sources of heat or ignition. Store above 32°F. Do not store food, beverages or tobacco products in the storage area.

VIII. SPECIAL PROTECTION INFORMATION

PROTECTIVE EQUIPMENT SHOULD BE USED DURING THE FOLLOWING PROCEDURES:

- Manufacture or formulation of this product.
- Repair and maintenance of contaminated equipment.
- Clean up of leaks and spills.
- Any other activity that may result in hazardous exposures.
- Refer to product label for PPE required for labeled use.

RESPIRATORY PROTECTION: To avoid breathing mist or spray, wear a NIOSH-approved full-face chemical cartridge respirator with organic vapor cartridges and pesticide pre-cartridges or a supplied air respirator.

VENTILATION: Local exhaust

PROTECTIVE CLOTHING: Chemical resistant gloves, coveralls, apron and foot coverings.

EYE PROTECTION: Safety goggles and face shield

USER SAFETY RECOMMENDATIONS: Safety showers and eye wash should be easily accessible.

IX. REGULATORY STATUS

TSCA INVENTORY STATUS:**TRANSPORTATION STATUS:****DOT INFORMATION:**

Container Capacity	Proper Shipping Name	Hazard Class	Label	Packing Group
All	Compounds, tree or weed killing, liquid, (contains xylene), NA 1993	3	Class 3 Flammable Liquid	III

SARA TITLE III

Section 302-304 (40 CFR 350):

Extremely Hazardous Substance (EHS): Not listed

Section 312, Reporting (40 CFR 370):

SARA/OSHA Hazardous Chemical Reporting Quantity:10,000 lb

Section 313, Toxic Chemicals: Xylene

Reportable Quantity (RQ): Xylene - 100 pounds

RCRA HAZARDOUS WASTE: Not listed

International Right-To-Know Regulations:

X. REFERENCES

- 1) Supplier sponsored studies.

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH,
BUT, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE.