



MATERIAL SAFETY DATA SHEET

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SECTION 1 – CHEMICAL IDENTIFICATION

Trade Name: PXE Date of Issue: February 1, 2002
Formula: C16H18 Revised Date: NEW
Chemical Family: N/A
Telephone Number: Information (281) 474-3271
Emergency Number: Chemtrec (800) 424-9300

HMIS Hazard Rating 4 = Extreme
Health: 1 3 = High
Fire: 1 2 = Moderate
Reactivity: 0 1 = Slight
PPE rating to be supplied by user 0 = Least
depending on use conditions.

SECTION 2 – COMPOSITION

<u>Components</u>	<u>Percentage</u>	<u>TLV (ppm)</u>	<u>CAS #</u>
Phenyl-o-xylylethane (PXE)	>97	N.E.	6196-95-8

Note: N.E. = Not Established N/A = Not Applicable

SECTION 3 – HAZARDS IDENTIFICATION

Eye Contact: May cause irritation, tearing, redness, and blurred vision.

Skin Contact: May cause irritation, reddening, drying, itching, inflammation, and cracking. Defating agent.

Inhalation: May cause irritation, sneezing, coughing, labored breathing, sore throat, and burning. May cause central nervous system depression such as headache, light-headedness, lack of coordination, drowsiness, euphoria, excitation, dizziness, fatigue, blurred vision, tremors, convulsions, unconsciousness, coma, respiratory arrest, and possible death, depending on the concentration and duration of exposure.

Ingestion: May cause irritation, salivation, pain, nausea, vomiting, diarrhea, and central nervous system depression. Aspiration into the lungs may result in severe injury.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. Get medical attention

immediately.

Skin Contact: Immediately remove contaminated clothing and shoes. Wipe excess material from skin and flush with water for at least 15 minutes. Use soap if available. Do not reuse contaminated clothing without laundering. Get medical attention immediately.

Inhalation: Remove victim to fresh air. If breathing is difficult, give oxygen. If not breathing, administer artificial respiration. Get medical attention immediately.

Ingestion: Do not induce vomiting. Aspiration into lungs may result in severe injury and/or death. Get medical attention immediately.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Use water, foam, dry chemical, or carbon dioxide (CO₂).

Special Firefighting Procedures/Precautions: Firefighters should wear NIOSH approved self-contained breathing apparatus. Responders should wear protective clothing to prevent skin contact. Move containers from fire area. If unable to move, cool sealed containers with water.

Unusual Fire and Explosion Information: May release oxides of carbon and irritating vapors.

Environmental Note: N/A.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Contain and recover. Prevent from entering sewers and waterways. Clean-up personnel should wear protective equipment to prevent contact.

SECTION 7 – HANDLING AND STORAGE

Containers do not have to be grounded and/or bonded when material is transferred, but is recommended as good practice. Store in a cool, dry place. Keep away from heat, sparks, and flames.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: NIOSH approved respiratory protection for organic vapors.

Ventilation: Utilize local exhaust to control vapors. Do not rely on general exhaust.

Protective Gloves: Utilize appropriate impervious chemical gloves.

Eye Protection: Chemical goggles and face shield.

Other Protective Equipment: Wear additional protective clothing to prevent skin contact. This may include chemical resistant boots and chemical resistant suits.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 564°F (295°C)

Melting Point: N.E.

Volatility/Vol (%):	N.E.
Vapor Pressure (mm Hg):	0.001 mm Hg at 77°F (25°)
Vapor Density (Air = 1):	7.3
Solubility in H ₂ O:	0.001.
Appearance/Odor:	Clear, colorless liquid/ Aromatic odor.
Specific Gravity (H ₂ O = 1):	0.985
Evap. Rate (Butyl Acetate = 1):	N.E.
Flash Point:	332.8°F (167.1°C) PMCC, ASTM D93
Lower Explosive Limit:	N.E.
Upper Explosive Limit:	N.E.
Autoignition Temperature:	>707°F (>375°C)

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Incompatibles and sources of ignition.
Incompatible Materials:	Oxidizing agents.
Decomposition Products:	Oxides of carbon.
Hazardous Polymerization:	Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

The toxicological properties of PXE have not been thoroughly investigated.

ACGIH TLV: N.E. STEL: N.E.

OSHA PEL: N.E. STEL: N.E.

Carcinogenicity listed by: NTP: No IARC: No OSHA: No

SECTION 12 – ECOLOGICAL INFORMATION

No data available.

SECTION 13 – DISPOSAL INFORMATION

Place in a city, state, or federally permitted disposal facility. Handle in accordance with all applicable regulations.

SECTION 14 – TRANSPORTATION INFORMATION

DOT Shipping Name: Not hazardous per DOT guidelines.

SECTION 15 – REGULATORY INFORMATION

U.S. Regulations:

TSCA: All components are listed on the TSCA inventory.

SARA TITLE III

Acute: YES
 Chronic: NO
 Fire: NO
 Reactivity: NO
 Pressure: NO

SECTION 16 – OTHER INFORMATION

PPE Codes (NPCA-HMIS)

A – Glasses	G – Glasses, Gloves, Vapor Respirator
B – Glasses, Gloves	H – Goggles, Gloves, Apron, Vapor Respirator
C – Glasses, Gloves, Apron	I – Glasses, Gloves, Dust/Vapor Respirator
D – Faceshield, Gloves, Apron	J – Goggles, Gloves, Apron, Dust/Vapor Respirator
E – Glasses, Gloves, Dustmask	K – Supplied Air, Gloves, Full Protective Suit, Boots
F – Glasses, Gloves, Apron, Dust Respirator	

Disclaimer

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