

# PentaVac 5

## Material Safety Data Sheet

Revision Date May 2010

For Chemical Emergency Call Chemtrec 800-424-9300

<b>1. Substance/Company Identification</b>	PRODUCT NAME: <b>PentaVac 5</b> CAS NUMBER: None COMPANY: Inland Vacuum Industries 35 Howard Ave Churchville NY 14428 (585) 293-3330
<b>2. Composition/ Ingredients</b>	✓ GENERIC NAME: Polyphenyl Ether HAZARDOUS INGREDIENTS: None
<b>3. Hazards Identification</b>	POSSIBLE ENTRY ROUTES: Eyes: may cause slight transient eye irritation Skin: a single prolonged exposure is not likely to result in material being absorbed through the skin. Ingestion: for a similar compound, a single oral toxicity is low. Inhalation: single exposure to vapors is not likely to be hazardous.  CHRONIC EFFECTS: Unknown.
<b>4. First Aid Measures</b>	SKIN: Wash with soap and water. EYES: Flush with water. Contact a physician! INGESTION: Contact a physician! Small amounts in mouth may be washed out. INHALATION: remove to fresh air, avoid breathing mist or vapors.
<b>5. Fire Fighting Measures</b>	FLASH POINT: 550 F (287 C) METHOD USED: Cleveland Open Cup AUTOIGNITION TEMPERATURE: 1135 F (612 C) FIRE POINT: 660 F (348 C) EXPLOSIVE LIMITS LOWER: Unknown UPPER: Unknown EXTINGUISHING MEDIA: Dry chemical or carbon dioxide. NFPA Class III B Material. SPECIAL FIREFIGHTING PROCEDURES: Wear breathing gear when fighting fires in enclosed spaces; incomplete combustion of this material produces carbon monoxide! UNUSUAL FIRE AND/OR EXPLOSION HAZARDS: None
<b>6. Accidental Release Measures</b>	PROCEDURE TO BE FOLLOWED IN EVENT OF RELEASE: Small spills may be wiped up with a rag. Large spills should be picked up immediately with an absorbent.
<b>7. Handling and Storage</b>	SPECIAL HANDLING PRECAUTIONS: None known SPECIAL STORAGE PRECAUTIONS: None known
<b>8. Exposure Controls/Personal Protection</b>	ENGINEERING CONTROL MEASURES: None required RESPIRATORY PROTECTION: Avoid breathing mist. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure is excessive. PROTECTIVE GLOVES: Yes - made of oil-impermeable rubber SAFETY GLASSES/GOGGLES: Yes - glasses should have side shields OTHER PROTECTIVE EQUIPMENT: None should be required under normal use.
<b>9. Physical &amp; Chemical Properties</b>	PHYSICAL STATE: Liquid VAPOR PRESSURE: < 0.01 Torr @ 25C BOILING POINT: 889 F (479 C) @ 760 mm Hg POUR POINT: 40 F VAPOR DENSITY: (air=1) 15.5

SPECIFIC GRAVITY: 1.2 @ 25/25 C  
VISCOSITY: 307 cst @ 40 C  
SOLUBILITY IN WATER: Insoluble  
APPEARANCE: Odorless, pale yellow, clear liquid.

**10. Stability & Reactivity**

STABILITY: Material is stable  
CONDITIONS TO AVOID: Strong oxidizers  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers  
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide.

**11. Toxicological Information**

ACUTE ORAL LD50(MG/KG): >34,600 mg/kg, practically nontoxic  
ACUTE DERMAL LD50: >34,600 mg/kg, practically nontoxic  
ACUTE INHALATION LC50: >47 mg/l

**12. Ecological Information**

Santovac Fluids, Inc. has not conducted environmental studies with this product.

**13. Disposal Considerations**

Product and packaging must be disposed of in accordance with Federal, State and local regulations. Material may be returned for reclamation.

**14. Transport Classification**

Not classified as hazardous under the applicable DOT, ICAO/IATA, or IMDG regulations.

**15. Regulatory Information**

TSCA INVENTORY: All components are listed

**16. Other Information**

**NFPA RATING**

FLAMMABILITY	0
HEALTH HAZARD	0
REACTIVITY	0
SPECIAL HAZARD	NONE