

# PentaVac 5

## Material Safety Data Sheet

Revision Date May 2007

For Chemical Emergency Call Chemtrec 800-424-9300

<b>1. Substance/Company Identification</b>	<b>PRODUCT NAME:</b> PentaVac 5 <b>CAS NUMBER:</b> None <b>COMPANY:</b> Inland Vacuum Industries Churchville NY 14428 (585) 293-3330
<b>2. Composition/ Ingredients</b>	<b>GENERIC NAME:</b> Polyphenyl Ether <b>HAZARDOUS INGREDIENTS:</b> None
<b>3. Hazards Identification</b>	<b>POSSIBLE ENTRY ROUTES:</b> 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.  <b>CHRONIC EFFECTS:</b> Unknown.
<b>4. First Aid Measures</b>	<b>SKIN:</b> Wash with soap and water. <b>EYES:</b> Flush with water. Contact a physician! <b>INGESTION:</b> Contact a physician! Small amounts in mouth may be washed out. <b>INHALATION:</b> remove to fresh air, avoid breathing mist or vapors.
<b>5. Fire Fighting Measures</b>	<b>FLASH POINT:</b> 550 F (287 C) <b>METHOD USED:</b> Cleveland Open Cup <b>AUTOIGNITION TEMPERATURE:</b> 1135 F (612 C) <b>FIRE POINT:</b> 660 F (348 C) <b>EXPLOSIVE LIMITS LOWER:</b> Unknown <b>UPPER:</b> Unknown <b>EXTINGUISHING MEDIA:</b> Dry chemical or carbon dioxide. <b>NFPA Class III B Material.</b> <b>SPECIAL FIREFIGHTING PROCEDURES:</b> Wear breathing gear when fighting fires in enclosed spaces; incomplete combustion of this material produces carbon monoxide! <b>UNUSUAL FIRE AND/OR EXPLOSION HAZARDS:</b> None
<b>6. Accidental Release Measures</b>	<b>PROCEDURE TO BE FOLLOWED IN EVENT OF RELEASE:</b> 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>	<b>SPECIAL HANDLING PRECAUTIONS:</b> None known <b>SPECIAL STORAGE PRECAUTIONS:</b> None known
<b>8. Exposure Controls/Personal Protection</b>	<b>ENGINEERING CONTROL MEASURES:</b> None required <b>RESPIRATORY PROTECTION:</b> Avoid breathing mist. Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure is excessive. <b>PROTECTIVE GLOVES:</b> Yes - made of oil-impermeable rubber <b>SAFETY GLASSES/GOGGLES:</b> Yes - glasses should have side shields <b>OTHER PROTECTIVE EQUIPMENT:</b> None should be required under normal use.
<b>9. Physical &amp; Chemical Properties</b>	<b>PHYSICAL STATE:</b> Liquid <b>VAPOR PRESSURE:</b> < 0.01 Torr @ 25C <b>BOILING POINT:</b> 889 F (479 C) @ 760 mm Hg <b>POUR POINT:</b> 40 F <b>VAPOR DENSITY: (air=1)</b> 15.5 <b>SPECIFIC GRAVITY:</b> 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