

# PentaVac 5

## Material Safety Data Sheet

Revision Date May 2004

For Chemical Emergency Call Chemtrec 800-424-9300

### 1. Substance/Company Identification

PRODUCT NAME: **PentaVac 5**  
CAS NUMBER: None  
COMPANY: Inland Vacuum Industries  
Churchville NY 14428  
(585) 293-3330

### 2. Composition/ Ingredients

GENERIC NAME: Polyphenyl Ether

HAZARDOUS INGREDIENTS: None

### 3. Hazards Identification

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.

### 4. First Aid Measures

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.

### 5. Fire Fighting Measures

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

### 6. Accidental Release Measures

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.

### 7. Handling and Storage

SPECIAL HANDLING PRECAUTIONS: None known  
SPECIAL STORAGE PRECAUTIONS: None known

### 8. Exposure Controls/Personal Protection 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.

**9. Physical & Chemical Properties**

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