

PentaVac 5

Material Safety Data Sheet

Revision Date May 2010

For Chemical Emergency Call Chemtrec 800-424-9300

1. Substance/Company Identification	PRODUCT NAME: PentaVac 5 CAS NUMBER: None COMPANY: Inland Vacuum Industries 35 Howard Ave 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