

# MATERIAL SAFETY DATA SHEET

## Hampford Research, Inc.

### SECTION 1. -----CHEMICAL PRODUCT AND COMPANY IDENTIFICATION-----

#### OPPI PF6

**CHEMICAL FORMULA:** C20 H26 I O . F6 P

**CAS NUMBER:** 125604-89-9

**CHEMICAL NAME:** Iodonium Hexafluorophosphate

**REVISED:** 6/18/2004

**MANUFACTURER:** Hampford Research, Inc  
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Stratford, CT 06615

**EMERGENCY TELEPHONE NUMBERS:** OFFICE (203) 375-1137  
CHEMTREC (800) 424-9300

### SECTION 2. -----COMPOSITION / INFORMATION ON INGREDIENTS-----

COMPONENT	CAS #	% BY WEIGHT	EXPOSURE LIMITS
[4-[Octyloxy]phenyl]phenyl]Iodonium Hexafluorophosphate	125604-89-9	100%	

### SECTION 3. -----HAZARDS IDENTIFICATION-----

**EYES:** This material is expected to cause slight eye irritation.

**SKIN:** This material is expected to be a slight skin irritant and may cause an allergic reaction (sensitization) in susceptible individuals upon repeated exposure.

**SWALLOWING:** This material is expected to be an ingestion hazard.

**INHALATION:** Irritating to upper respiratory tract and to mucous membranes. Symptoms of irritation may include coughing, mucous production and shortness of breath.

### SECTION 4. -----FIRST AID MEASURES-----

**EYE CONTACT:**  
In case of contact, immediately flush eyes with copious amounts of water for a least 15 minutes.

**SKIN CONTACT:**  
In case of contact, immediately wash skin with soap and copious amounts of water for at least 15 minutes. Wash contaminated clothing before reuse.

**INGESTION:**  
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**INHALATION:**  
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

### SECTION 5. -----FIRE FIGHTING MEASURES-----

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
High temperatures oxidizer or impurities may lead decomposition generating heat and pressure. Closed containers may rupture or explode. Glass containers may shatter.

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## **FIRE EXTINGUISHING MEDIA:**

Water spray/fog, carbon dioxide, dry chemical powder or appropriate foam. Water may be an ineffective extinguisher due to low solubility of product.

## **SPECIAL FIREFIGHTING INSTRUCTIONS:**

Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fight fire from safe distance. Cool tank/container with water spray.

## **SECTION 6. -----ACCIDENTAL RELEASE MEASURES-----**

### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Wear respirator, chemical safety goggles, rubber apron, rubber boots and heavy rubber gloves. Dike spill. Prevent material from entering sewers, waterways, or low areas.

### **SPILL CLEANUP MEASURES:**

Ventilate area and wash spill site after material pickup is complete.

## **SECTION 7. -----HANDLING AND STORAGE-----**

### **HANDLING AND STORAGE REQUIREMENTS:**

Keep away from heat, sparks and flames.

## **SECTION 8. -----PERSONAL PROTECTION/EXPOSURE CONTROLS-----**

**EYE/FACE PROTECTION:** Wear safety goggles. Wear coverall chemical splash goggles and face shield when possibility exists for eye and face contact from airborne material. Eye bath available.

**SKIN PROTECTION:** Wear appropriate impervious clothing such as compatible chemical-resistant coveralls and gloves. Safety shower available.

**RESPIRATORY PROTECTION:** NIOSH/MSHA approved air purifying respirator may be permissible under certain limited circumstances. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release or exposure levels are not known.

**ENGINEERING CONTROLS:** Use only with adequate ventilation.

## **SECTION 9. -----PHYSICAL AND CHEMICAL PROPERTIES-----**

**PHYSICAL STATE:** Solid

**MELTING POINT:** NA

**BOILING POINT:** NA

**SPECIFIC GRAVITY:** NA

**APPEARANCE:** OFF WHITE

**ODOR:** NA

**OTHER:**

## **SECTION 10. -----STABILITY AND REACTIVITY-----**

### **INCOMPATIBILITIES:**

Avoid strong oxidizers, acids, or alkalis, and free radical initiators.

### **HAZARDOUS DECOMPOSITION:**

Decomposition does not occur under normal use conditions. Combustion produces carbon oxides and perhaps

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other toxic vapors.

## CHEMICAL STABILITY:

Unstable with heat.

## HAZARDOUS POLYMERIZATION:

Hazardous polymerization does not occur.

## SECTION 11. -----TOXICOLOGICAL INFORMATION-----

### TOXICOLOGICAL EFFECTS:

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

## SECTION 12. -----ECOLOGICAL INFORMATION-----

### ECOLOGICAL EFFECTS:

Data not yet available.

## SECTION 13. -----DISPOSAL INFORMATION-----

### WASTE MANAGEMENT PROCEDURES:

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and Local environmental regulations.

## SECTION 14. -----TRANSPORT INFORMATION-----

### TRANSPORTATION INFORMATION:

Not regulated not listed by DOT or IATA

### -----DOT (DOMESTIC SURFACE)-----

PROPER SHIPPING NAME:  
HAZARD CLASS OR DIVISION:  
UN / NA NUMBER:  
PACKING GROUP:  
DOT PRODUCT RQ lbs (kgs):  
HAZARD LABEL (s):  
HAZARD PLACARD (s):

### -----IMO / IMDG CODE (OCEAN)-----

PROPER SHIPPING NAME:  
HAZARD CLASS DIVISION NUMBER:  
UN NUMBER:  
PACKAGING GROUP:  
HAZARD LABEL (s):  
HAZARD PACKARD (s):

### -----ICAO / IATA (AIR)-----

PROPER SHIPPING NAME:

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HAZARD CLASS DIVISION NUMBER:  
UN NUMBER:  
SUBSIDIARY RISK:  
PACKING GROUP:  
HAZARD LABEL (s):  
RADIOACTIVE?:  
PASSENGER AIR - MAX QTY:  
PASSENGER PACKING INSTRUCTION:  
CARGO AIR - MAX QTY:  
CARGO AIR PACKAGING INSTRUCTION:

## SECTION 15. -----REGULATORY INFORMATION-----

### REGULATORY INFORMATION:

Not listed on TSCA for research only. Section 5 of the Toxic Substance Control Act (TSCA) provides that a chemical substance, manufactured or imported for commercial purposes, must be listed on the TSCA Chemical Substance Inventory, have completed, Premanufacture Notice (PMN) review by the U.S. Environmental Protection Agency (EPA), or be otherwise exempt. To be eligible for the R&D Exemption, the chemical substance must be manufactured exclusively for research and development purposes and all research must be supervised by a "technically qualified individual," as defined in 40 CFR 720.3(ee). The regulatory requirements of the R&D Exemption are given at 40 CFR 720.36.

## SECTION 16. -----ADDITIONAL INFORMATION-----

### ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Hampford Research, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Hampford Research grants permission to make unlimited paper copies for internal use only.