

# MATERIAL SAFETY DATA SHEET

## Hampford Research, Inc.

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

#### Bis(4-t-butyl phenyl) Iodonium Hexafluoroantimonate

**CHEMICAL FORMULA:** C<sub>20</sub>H<sub>26</sub>I . F<sub>6</sub>Sb

**CAS NUMBER:** 61358-23-4

**CHEMICAL NAME:** Bis(4-t-butyl phenyl)Iodonium Hexafluoroantimonate

**REVISED:** 12/21/2004

**MANUFACTURER:** Hampford Research, Inc  
P.O. Box 1073  
54 Veterans Blvd.  
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
Bis(4-t-butyl phenyl)Iodonium Hexafluoroantimonate	61358-23-4	99%	Not known

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

**EYES:** May cause irritation

**SKIN:** Avoid contact.

**SWALLOWING:** Do not swallow may be toxic.

**INHALATION:** Harmful if inhaled.

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

**EYE CONTACT:**  
In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. May cause irritation. Call physician.

**SKIN CONTACT:**  
Wash thoroughly with soap and water.

**INGESTION:**  
Consult a physician.

**INHALATION:**  
Move to fresh air. Get immediate medical attention.

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
None expected.

**FIRE EXTINGUISHING MEDIA:**  
Water, CO<sub>2</sub>, foam.

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## SPECIAL FIREFIGHTING INSTRUCTIONS:

Self-contained breathing apparatus should be used.

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

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Rubber gloves, full face mask.

### SPILL CLEANUP MEASURES:

Sweep up, place in a bag and hold for waste disposal.  
Avoid raising dust.  
Ventilate area and wash spill site after material pickup is complete.

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

### HANDLING AND STORAGE REQUIREMENTS:

Store in a cool, dry place.

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

**EYE/FACE PROTECTION:** Goggles.  
**SKIN PROTECTION:** Rubber gloves.  
**RESPIRATORY PROTECTION:** NIOSH approved respirator.  
**ENGINEERING CONTROLS:** Local ventilation.

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

**PHYSICAL STATE:** Solid  
**MELTING POINT:** Not Known  
**BOILING POINT:** N/A  
**SPECIFIC GRAVITY:** N/A  
**APPEARANCE:** Off white powder  
**ODOR:** Mild aromatic odor  
**OTHER:** N/A

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

**INCOMPATIBILITIES:**  
Strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION:**  
Decomposition does not occur under normal use conditions.  
**CHEMICAL STABILITY:**  
Stable at normal conditions.  
**HAZARDOUS POLYMERIZATION:**  
Cannot occur.

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

### TOXICOLOGICAL EFFECTS:

May cause skin and eye irritation.

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

### ECOLOGICAL EFFECTS:

Data not yet available.

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

### WASTE MANAGEMENT PROCEDURES:

Incinerate in accordance with all Federal, State and Local Environmental Regulations.

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

### TRANSPORTATION INFORMATION:

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

PROPER SHIPPING NAME: Enviromentally Hazardous Substance,solid, n.o.s.  
HAZARD CLASS OR DIVISION: Bis(4-t-butyl phenyl)Iodonium Hexafluoroantimonate class 9  
UN / NA NUMBER: UN3077  
PACKING GROUP: III  
DOT PRODUCT RQ lbs (kgs): 1,000 lbs  
HAZARD LABEL (s): not needed if packages weigh 66 lbs or less(49 cfr 173.155)  
HAZARD PLACARD (s): not needed if packages weigh 66 lbs or less(49 cfr 173.155)

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

PROPER SHIPPING NAME: Enviromentally Hazardous Substance,solid, n.o.s  
HAZARD CLASS DIVISION NUMBER: Bis(4-t-butyl phenyl)Iodonium Hexafluoroantimonate class 9  
UN NUMBER: UN3077  
PACKAGING GROUP: III  
HAZARD LABEL (s): not needed if packages weigh 66 lbs or less(49 cfr 173.155)  
HAZARD PACKARD (s): not needed if packages weigh 66 lbs or less(49 cfr 173.155)

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

PROPER SHIPPING NAME: Environmentally Hazardous Substance, solid, n.o.s

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Chemical Name: Bis(4-t-butyl phenyl)Iodonium Hexafluoroantimonate

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HAZARD CLASS DIVISION NUMBER: Bis(4-t-butyl phenyl)Iodonium Hexafluoroantimonate class 9

UN NUMBER: UN3077

SUBSIDIARY RISK: none

PACKING GROUP: III

HAZARD LABEL (s): 9

RADIOACTIVE?: NO

PASSENGER AIR - MAX QTY: UNLIMITED

PASSENGER PACKING INSTRUCTION: 906

CARGO AIR - MAX QTY: UNLIMITED

CARGO AIR PACKAGING INSTRUCTION: 906

## 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:

None available.

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.