

# MSDS (MATERIAL SAFETY DATA SHEET)

## 1. COMPANY IDENTIFICATION

Company Name Heteroz, LLC  
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Email [info@heteroz.com](mailto:info@heteroz.com)  
Phone number +1-984-888-2676

## 2. PRODUCT IDENTIFICATION

Product Name (2,2'-Bipyridine)bis[2-(2,4-difluorophenyl)pyridine]iridium(III)  
Hexafluorophosphate  
Catalog number HET105017  
CAS Number 864163-80-4  
Formula C32H20F10IrN4P  
Molecular weight 873.71 g/mol

## 3. HAZARDS IDENTIFICATION

### GHS Label elements, including precautionary statements

Pictograms



Signal Word Warning

### Hazard Statement(s)

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

### Precautionary Statement(s)

P80 Wear protective gloves/protective clothing/eye protection/face protection

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 4. FIRST AID MEASURES

Eye Contact Immediately flush eyes with clean, running water for at least 15 minutes while Keeping eyes open. Seek medical attention.

Skin Contact Wash off with soap and plenty of water. Seek medical attention.

Inhalation Remove the victim from the source of exposure to fresh air. If not breathing artificial respiration. Seek medical attention.

Ingestion Rinse mouth with water. Seek medical attention.

## 5. FIRE-FIGHTING MEASURES

Extinguishing media Carbon dioxide, dry chemical powder, alcohol or polymer foam.  
Special fire-fighting procedures Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
Unusual fire and explosion hazards/  
decomposition of product Emits toxic fumes under fire conditions.

## 6. HANDLING AND STORAGE INFORMATION

Precaution for safe Handling Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Keep container tightly closed. Store in a cool, dry, and well-ventilated place.

## 7. ACCIDENTAL RELEASE MEASURES

If material is accidentally spilled then wear appropriate respirator, impervious boots and heavy rubber gloves. Scoop up solid material or absorb liquid material and place into appropriate container. Ventilate area and wash affected spill area. Place solid or absorbed material into containers and tightly close for disposal. Do not let product enter drains.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Avoid all direct contact with product. Wear protective and safety gloves. Wear chemical-resistant gloves. Wear protective clothing and boots. Ensure ventilation during use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Solid  
MELTING POINT No data available  
BOILING POINT No data available  
WATER SOLUBILITY No data available

## 10. STABILITY AND REACTIVITY

Stable under recommended storage conditions. Hazardous decomposition products for under fire conditions –Nitrogen oxides, and Carbon oxides.

### TOXICOLOGICAL INFORMATION

No data available

## 11. CARCINOGENICITY

No data available

## 12. DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a regulated, chemical incinerator equipped with after burner and scrubber. Observe all federal, state and local laws. Otherwise, offer surplus material to a licensed disposal company.

### **13. TRANSPORT INFORMATION**

#### **DOT**

Classed nonhazardous for shipping.

#### **IMDG**

Classed nonhazardous for shipping.

#### **IATA**

Classed nonhazardous for shipping.

### **14. REGULATORY INFORMATION**

Adhere to all Federal, State and local regulations.

### **15. OTHER INFORMATION**

The information contained here is accurate to the best of our knowledge, but is not meant to be complete and is included only as a guide. The end user is responsible for any damage resulting from handling or from contact with this product.