

Product# 3065

Section 1: Company and Product Identification**Product Name:** (Ir[dF(CF3)ppy]2(dtbpy))PF6**Product Code:** 3065**CAS #:** 870987-63-6**Company:** Colonial Metals, Inc.
Building 20
505 Blue Ball Road
Elkton, MD 21921 United
States

Company Contact: EHS www.colonialmetals.com

Director

Telephone Number: 410-398-
7200

FAX Number: 410-398-

Emergency Response: For Hazardous Materials [or Dangerous
Goods] Incident
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC**Section 2: Hazards Identification**

GHS07

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Hazard Pictograms:**Signal Word:** Warning**Hazard Category:** Acute tox, oral Cat 5
Acute tox, inh. Cat 5**Hazard Statements:** H303: May be harmful if swallowed
H333: May be harmful if inhaled**Precautionary Statements:** P202: Do not handle until all safety precautions have
P210: Keep away from heat/sparks/open flames/hot
surfaces - No smoking
P264: Wash thoroughly after handling
P280: Wear protective gloves/protective clothing/eye
P308+313: IF exposed or concerned: Get medical
P402+404: Store in a dry place. Store in a closed
P501: Dispose of contents/container in accordance with
local/national/international rules.
No ingredients are hazardous according to OSHA
criteria**Hazards not otherwise classified:** No ingredients are hazardous according to OSHA
criteria.**Classification of the substance or mixture.**

Not a hazardous substance or mixture.

GHS Label elements, including precautionary

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	CAS#	Weight %
(Ir[dF(CF ₃)ppy]2(dtbpy))PF ₆		
Chemical Name:(Ir[dF(CF ₃)ppy]2(dtbpy))PF ₆ Chemical Formula: [Ir(C ₁₈ H ₂₄ N ₂)(C ₁₂ H ₅ F ₅ N) ₂]+PF ₆ - Synonyms: (4,4'-Di-t-butyl-2,2'-bipyridine)bis[3,5-difluoro-2-[5-trifluoromethyl-2-pyridinyl-kN)phenyl-kC]iridium(III) hexafluorophosphate	870987-63-6	

Section 4: First Aid Measures

Notable Exposure Irritation to skin, eyes and areas of contact due to the possible symptoms: presence of Hydrofluoric acid.

If ingested: Rinse mouth. Not expected to be a problem in industry. However if swallowed and discomfort occurs, contact a physician.

If inhaled: Remove the victim from the contaminated area while protecting yourself from exposure by wearing an appropriate respirator. Put a

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical

Skin contact: Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.

Additional Info: Observe for any symptoms for several hours after exposure and apply 2.5% calcium gluconate. Follow up with medical attention if

Section 5: Fire Fighting Measures

General Info: Wear self-contained breathing apparatus for firefighting if necessary

Extinguishing Use water spray, alcohol-resistant foam, dry chemical or carbon

Method / Equipment: dioxide

Hazardous Constituents associated with burning / combustion are to be

Decomposition Info: considered toxic. Firefighters should wear self-contained breathing

Section 6: Accidental Release Measures

Personal precautions, Keep unnecessary personnel away. Keep people away from and **protective equipment** upwind of spill/leak. Eliminate all ignition sources (no smoking, **and procedures:** flares, sparks, or flames in immediate area). Wear appropriate protective equipment (SCBA) and clothing during clean-up. Avoid breathing dust. Ventilate

Containment Contain actively spilling material if safe and easy to do so, avoid

Equipment and generating dust. Collect material and dispose

Procedures:

Cleanup Procedures: Collect all contaminated media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize vacuum cleaner, provided adequate ventilation is available.

Section 7: Handling and Storage

Safe Handling Do not handle until all safety precautions have been read and understood. Keep containers tightly closed. Ensure adequate ventilation. Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment and wash thoroughly after handling.

Recommendations for Storage: Store in cool, dry area in a tightly closed product container away from sources of ignition or flame. Air and moisture sensitive

Other Precautions: 0.01 ppm high efficiency particulate respirator/supplied air respirator/self-contained breathing apparatus; 0.2 ppm same as above with full face piece; 1 ppm powdered air purifying respirator with high efficiency filter/type C supplied air respirator operated in

Section 8: Exposure Control / Personal Protection

Work Clothing: Protective work clothing which covers skin and prevents exposures. Lab coat/apron, flame and chemical resistant protective clothing, eye wash, safety shower, and hygiene facilities for washing.

Eye/face protection: Wear safety glasses with side shields or goggles or face shield.

Skin Protection: Wear chemical resistant gloves.

Respiratory Protection: 0.1 mg/m³ supplied air respirator with a full face piece

Additional Information: Lab coat/apron, flame and chemical resistant protective clothing, eye wash, safety shower, and hygiene facilities for washing. Do not let product enter drains.

Section 9: Physical and Chemical Properties

State: Crystalline solid **Melting Point:** >300°C (>572°F)

Color: Yellow **Boiling Point/Range:** N/A

Molecular Wt. 1121.93 g/mol **Odor:** N/A

Evaporation rate: N/A **Flash Point:** N/A

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources.

Incompatible materials: Strong oxidizing agents.

Decomposition products: Carbon oxides, Iridium oxides

Section 11: Toxicological Information

General Information: No information available

Toxicological Information (product): To the best of our knowledge the chemical, physical, and toxicological properties of this compound have not been thoroughly investigated.

Section 12: Ecological Information

General information: Product not tested.

Aquatic toxicity: No specific data available. Do not allow large quantities of product to reach water, ground water, water courses or sewer systems.

Degradation / Mobility info: No specific data available.

Bioaccumulative potential: No specific data available.

Section 13: Disposal Information

Product disposal: Consult Federal EPA, State and local regulations for proper disposal/recycle/reclamation

Container disposal: Treat empty containers with extra care. Consult waste contractor.

Other considerations: NOTE: Chemical additions, processing, or otherwise altering this material may make the waste management information presented

Section 14: Transport Information

DOT: Considered non-hazardous for transport. Not Dangerous Goods

IMO/IMDG: Considered non-hazardous for transport.

IATA: Considered non-hazardous for transport.

Section 15: Regulatory Information

TSCA: This product is not TSCA listed

SARA Section 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Section 311/312 Hazards

SARA Section 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA Section 313 Notification: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Canadian DSL: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

States Right to Know Massachusetts Right To Know Components

Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

(Ir[dF(CF3)ppy]2(dtbp))PF6 CAS-No. 870987-63-6 Revision Date

New Jersey Right To Know Components

(Ir[dF(CF3)ppy]2(dtbp))PF6 CAS-No. 870987-63-6 Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive

Section 16: Other Information

NFPA Rating

Health: 0

Fire: 0

Reactivity: 0

HMIS Rating

Health: 0

Fire: 0

Reactivity: 0

Personal

Protection: C

Disclaimer: In compliance with the OSHA Hazard communication Standard, 29 C.F.R 1910.1200, we are providing you with a Safety Data Sheet (SDS) for the hazardous material you are purchasing.

It is your responsibility to educate your employees on the safe use of the hazardous material. With this in mind, a copy should be forwarded to the supervisor of the user or to the user themselves, and copy should be retained in your files for future reference.

Colonial Metals, Inc. makes no representation as to the accuracy of the information in the SDS. The information is believed to be correct; however, you (the customer), should perform your own investigation and independent verification. If you resell the product, you are responsible to forward the information in the SDS to your customer.

Colonial Metals, Inc.

SDS Author: Colonial Metals Inc.- An Ames Goldsmith Company **Version Date:**

6/6/2019