



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Iridium(IV) Chloride Hydrate, Ir: sc-263407



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Iridium(IV) Chloride Hydrate, Ir
Catalog Number: sc-263407
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2: Composition and Information on Ingredients

Ingredient: Iridium(IV) Chloride Hydrate, Ir
CAS Number: 10025-97-5
ACGIH (TWA): No data available
OSHA (PEL): No data available

Section 3: Hazards Identification

Emergency Overview:

Irritating to skin, eyes and respiratory tract. Harmful if swallowed.

Primary Routes of Exposure: Contact with skin and eyes. Inhalation of dust.

Eye Contact	Causes mild irritation to the eyes.
Skin Contact	Causes slight irritation of the skin.
Inhalation	Inhalation of dust leads to irritation of the respiratory tract.
Ingestion	Harmful if swallowed.

Acute Health Affects: Irritating to skin, eyes and respiratory tract. harmful if swallowed.

Chronic Health Affects: No information available on long-term chronic effects.

NTP: No

IARC: No

OSHA: No

SECTION 4: First Aid Measures

Eye Exposure: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

Skin Exposure: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

Inhalation: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

Ingestion: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5: Fire Fighting Measures

Flash Point: not applicable

Autoignition Temperature: none

Explosion Limits: none

Extinguishing Medium: none required

Special Fire Fighting Procedures:

If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

Hazardous Combustion and Decomposition Products: none

Unusual Fire or Explosion Hazards: No unusual fire or explosion hazards.

SECTION 6: Accidental Release Measures

Spill and Leak Procedures: To avoid raising dust, small spills may be mixed with diatomaceous earth, sand, vermiculite or other suitable inert material and swept up.

SECTION 7: Handling and Storage

Handling and Storage: Store solid in a tightly sealed container. Store at room temperature.

SECTION 8: Exposure Controls and Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.

Skin Protection: Wear appropriate chemical resistant gloves and protective clothing.

Ventilation: If possible, handle the material in an efficient fume hood.

Respirator: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.134.

Ventilation: If possible, handle the material in an efficient fume hood.

Additional Protection: No additional protection required.

SECTION 9: Physical and Chemical Properties

Form	Powder	Molecular Weight	334.03
Melting Point	dec.	Boiling Point	no data
Vapor Pressure	not applicable	Specific Gravity	no data
Odor	none	Solubility in Water	very soluble
Molecular Formula	IrCl ₄ .XH ₂ O		

SECTION 10: Stability and Reactivity

Stability: air and moisture stable

Hazardous Polymerization: no hazardous polymerization

Conditions to Avoid: none

Incompatibility: active metals

Decomposition Products: none

SECTION 11: Toxicological Information

RTECS Data: Oral (rat); LD50: 1560 mg/kg.

Carcinogenic Effects: no data

Mutagenic Effects: no data

Teratogenic Effects: no data

SECTION 12: Ecological Information

Ecological Information: No information available

SECTION 13: Disposal Considerations

Disposal: Dispose of according to local, state and federal regulations.

SECTION 14: Transportation

Shipping Name (CFR): Non-hazardous

Hazard Class (CFR): NA

Additional Hazard Class (CFR): NA

Packaging Group (CFR): NA
UN ID Number (CFR): NA
Shipping Name (IATA): Non-hazardous
Hazard Class (IATA): NA
Additional Hazard Class (IATA): NA
Packaging Group (IATA): NA
UN ID Number (IATA): NA

SECTION 15:Regulatory Information

TSCA: Listed in the TSCA inventory.
SARA (Title 313): Title compound not listed
Second Ingredient: none
Third Ingredient: none

Section 16: Other information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

7/24/2012