



SECTION 1: Product Identification

Chemical Name:	Rhodium (II) acetate dimer, 99%
Product Number:	304
CAS Registry Number:	15956-28-2
Formula:	$\text{Rh}_2(\text{OOCCH}_3)_4$
EINECS Number:	240-084-8
Chemical Family:	metal acetate salt
Synonym:	Dirhodium tetraacetate, Rhodium acetate, dimer

SECTION 2: Composition and Information on Ingredients

Ingredient	CAS Number	Percent	ACGIH (TWA)	OSHA (PEL)
Title Compound	15956-28-2	100	1mg/m3 (as Rh)	0.1mg/m3 (as Rh)

SECTION 3: Hazards Identification

Emergency Overview:	Irritating to eyes and skin. May be harmful if swallowed or inhaled.
Primary Routes of Exposure:	Ingestion
Eye Contact:	Causes mild irritation of the eyes.
Skin Contact:	Causes slight irritation of the skin.
Inhalation:	Inhalation of dust may lead to irritation of the respiratory tract.
Ingestion:	No information is available on the physiological effects of ingestion. May be harmful if swallowed.
Acute Health Effects:	Irritating to eyes and skin. May be harmful if swallowed or inhaled.
Chronic Health Effects:	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).

SECTION 5: Fire Fighting Measures

Flash Point:	not applicable
Autoignition Temperature:	none
Explosion Limits:	none
Extinguishing Medium:	carbon dioxide, dry powder or foam
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:	If involved in a fire this material may emit toxic organic fumes.
Unusual Fire or Explosion Hazards:	No unusual fire or explosion hazards.

SECTION 6: Accidental Release Measures

Spill and Leak Procedures:	Small spills can be mixed with vermiculite or sodium carbonate and swept up.
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SECTION 7: Handling and Storage

Handling and Storage:	Store in a sealed container. Keep away from heat and moisture.
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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:	Material may form a fine dust. 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.
Additional Protection:	No additional protection required.

SECTION 9: Physical and Chemical Properties

Color and Form:	greenish-black xtl.
Molecular Weight:	442.0
Melting Point:	no data
Boiling Point:	no data
Vapor Pressure:	no data
Specific Gravity:	no data
Odor:	none
Solubility in Water:	insoluble

SECTION 10: Stability and Reactivity

Stability:	air and moisture stable solid
Hazardous Polymerization:	no hazardous polymerization
Conditions to Avoid:	none
Incompatibility:	oxidizing agents and active metals
Decomposition Products:	Carbon dioxide, carbon monoxide, organic vapors, and metal oxides and carbonates.

SECTION 11: Toxicological Information



RTECS Data: Intraperitoneal (mouse); LD10: 115 mg/kg.

Carcinogenic Effects: No data available

Mutagenic Effects: No data available

Tetratogenic Effects: No data available

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: Not listed in the TSCA inventory.



SARA (Title 313): Title compound not listed.

Second Ingredient: none

Third Ingredient: none