

**** MATERIAL SAFETY DATA SHEET ****

Rhodium(ii) acetate,dimer,hydrate,ca43% rh
97373

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Rhodium(ii) acetate,dimer,hydrate,ca43% rh
Catalog Numbers:
AC197610000, AC197610010, AC197612500
Synonyms:
Company Identification: Acros Organics N.V.
One Reagent Lane
Fairlawn, NJ 07410
For information in North America, call: 800-ACROS-01
For emergencies in the US, call CHEMTREC: 800-424-9300

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%	EINECS#
5503-41-3	Rhodium(II) acetate dimer, hydrate		226-843-6

Hazard Symbols: XI
Risk Phrases: 36/38

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Appearance: green.
Caution! The toxicological properties of this material have not been fully investigated. May cause irritation.
Target Organs: None.

Potential Health Effects

- Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: The toxicological properties of this substance have not been fully investigated.
Inhalation: May cause respiratory tract irritation.
Chronic: No information found.

**** SECTION 4 - FIRST AID MEASURES ****

- Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.
Skin: Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion: Get medical aid. Wash mouth out with water.
Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician: Treat symptomatically and supportively.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

- General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media: In case of fire use water spray, dry chemical, carbon dioxide, or chemical foam.
Autoignition Temperature: Not available.
Flash Point: Not available.
NFPA Rating: Not published.
Explosion Limits, Lower: Not available.
Upper: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

**** SECTION 7 - HANDLING and STORAGE ****

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Use only in a chemical fume hood.

Storage: Store in a cool, dry place. Store in a tightly closed container.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Rhodium(II) acetate metal, dimer, hydrate	1 mg/m3 TWA (listed under RHODIUM)	as Rh: 0.1 mg/m3 TWA (listed under RHODIUM).as Rh: 0.001 mg/m3 TWA (listed under RHODIUM SOLUBLE COMPOUNDS).as Rh: 100 mg/m3 IDLH (Soluble compounds as Rh: 2 mg/m3 IDLH (listed under RHODIUM).	metal fume and insoluble compounds, as Rh: 0.1 mg/m3 TWA: soluble compounds, a s Rh: 0.001 mg/m3 TWA (listed un der RHODIUM).

OSHA Vacated PELs:
Rhodium(II) acetate dimer, hydrate: metal fume, as Rh: 0.1 mg/m3 TWA (listed under RHODIUM as Rh: 0.001 mg/m3 TWA (listed under RHODIUM SOLUBLE COMPOUNDS

Personal Protective Equipment

- Eyes: Wear chemical goggles.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear a chemical apron.
Respirators: A NIOSH/MSHA approved air purifying dust or mist respirator.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: Not available.
Appearance: green
Odor: Not available.
pH: Not available.
Vapor Pressure: Not available.
Vapor Density: Not available.
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: 0 deg C
Decomposition Temperature: Not available.
Solubility: insoluble
Specific Gravity/Density: Not available.
Molecular Formula: C8H12O8Rh2.xH2O
Molecular Weight: 441.98

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: incompatible materials.
Incompatibilities with Other Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Irritating and toxic fumes and gases.
Hazardous Polymerization: Has not been reported

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:
CAS# 5503-41-3: AJ3880000
LD50/LC50: Not available.
Carcinogenicity: Rhodium(II) acetate dimer, hydrate -

