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.

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

EXPOSURE LIMITS
Chemical Name: Rhodium(II) acetate, dimer, hydrate
NIOSH: Rhodium(II) acetate, dimer, hydrate
OSHA: Final PELs

Rhodium(II) acetate (metal): 1 mg/m^3
TWA (listed under RHODIUM): 0.001 mg/m^3
IDLH (SOLUBLE compounds as RHODIUM): 2 mg/m^3

OSHA Vacated PELs:
Rhodium(II) acetate, dimer, hydrate; metal fume, as Rh: 0.1 mg/m^3 (TWA listed under RHODIUM as Rh: 0.001 mg/m^3 (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.

PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Green
Odor: Not available
pH: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Explosion Limits: Upper; Not available
Decomposition Temperature: Not available
Specific Gravity/Density: Not available
Molecular Formula: C8H12O8Rh2.xH2O
Molecular Weight: 441.98

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

TOXICOLOGICAL INFORMATION
RTECS: Rhodium(II) acetate, dimer, hydrate -
ACGIH: A4 - Not Classifiable as a Human Carcinogen (listed as RHO)

**SECTION 12 - ECOLOGICAL INFORMATION**

Ecotoxicity:
Not available.

Environmental Fate:
Not available.

Physical/Chemical:
Not available.

Other:
Not available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in a manner consistent with federal, state, and local regulations.

RCRA D-Series Maximum Concentration of Contaminants:
None listed.

RCRA D-Series Chronic Toxicity Reference Levels: None listed.

RCRA F-Series: None listed.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Not listed as a material banned from land disposal according to RCRA.

**SECTION 14 - TRANSPORT INFORMATION**

US DOT
Shipping Name: CORROSIVE SOLID, N.O.S.*
Hazard Class: 8
UN Number: 1759
Packing Group: III

IMO
Shipping Name: CORROSIVE SOLID, N.O.S.
Hazard Class: 8
UN Number: 1759
Packing Group: III

ATA
Shipping Name: CORROSIVE SOLID, N.O.S.*
Hazard Class: 8
UN Number: 1759
Packing Group: III

RID/ADR
Shipping Name: CORROSIVE SOLID, N.O.S.
Dangerous Goods Code: B(65C)
UN Number: 1759

Canadian TDG
No information available.

**SECTION 15 - REGULATORY INFORMATION**

US FEDERAL
TSCA
CAS# 5503-41-3 is not listed on the TSCA inventory. It is for research and development use only.

Health & Safety Reporting List
None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule. Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.

SARA
Section 302 (RO)
None of the chemicals in this material have an RO.

Section 302 (TPQ)
None of the chemicals in this product have a TPQ.

Section 313
No chemicals are reportable under Section 313.

Clean Air Act
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 ozone depleters.
This material does not contain any Class 2 ozone depleters.

Clean Water Act
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA
None of the chemicals in this product are considered highly hazardous by OSHA.

STATE
Rhodium(II) acetate dimer, hyd can be found on the following state right to know lists: California, (listed as RHODIUM), New Jersey, (listed as RHODIUM), Florida, (listed as RHODIUM), Pennsylvania, (listed as RHODIUM), Minnesota, (listed as RHODIUM), Massachusetts, (listed as RHODIUM).

California No Significant Risk Level
None of the chemicals in this product are listed.

European/International Regulations
European Labeling in accordance with EC Directives

Hazard Symbols: X

Risk Phrases:
R 36/38 Irritating to eyes and skin.

Safety Phrases:
S 15 Keep away from heat.
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37/39 Wear suitable gloves and eye/face protection.
S 26A After contact with skin, wash immediately with plenty of water.

WGK (Water Danger/Protection)
CAS# 8503-41-3

Canada
None of the chemicals in this product are listed on the DSL/INDSL list.

WHMIS: Not available.
CAS# 5503-41-3 is not listed on Canada’s Ingredient Disclosure List.

Exposure Limits
CAS# 5503-41-3: OEL-AUSTRALIA:TWA 1 mg/L/h/m3 OEL-BELGIUM:TWA 1 mg/L/h/m3 OEL-DENMARK:TWA 0.001 mg/L/h/m3 JANUARY 1992 OEL-DENMARK:TWA 0.1 mg/L/h/m3 OEL-ENGLAND:TWA 0.001 mg/L/h/m3 JANUARY 1992 OEL-ENGLAND:TWA 0.1 mg/L/h/m3 OEL-FRANCE:TWA 1 mg/L/h/m3 OEL-GREAT BRITAIN:TWA 0.001 mg/L/h/m3 JANUARY 1992 OEL-GREAT BRITAIN:TWA 0.1 mg/L/h/m3 OEL-UNITED KINGDOM:TWA 0.001 mg/L/h/m3 JANUARY 1992 OEL-SWITZERLAND:TWA 0.1 mg/L/h/m3 OEL-U NITED KINGDOM:TWA 0.001 mg/L/h/m3 JANUARY 1992 OEL-US: TWA 0.001 mg/L/h/m3 JANUARY 1992 OEL IN BULGARIA, COLOMBIA, JORDAN, KOREA check ACGIH TLV. OEL IN NEW ZEALAND, SINGAPORE, VIETNAM check ACGIH TLV.

**SECTION 16 - ADDITIONAL INFORMATION**

MSDS Creation Date: 2/01/1996 Revision #2 Date: 9/02/1997

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability and the information for their particular purposes. In no way shall Fisher be liable for any claims, losses, or damages of any third party or for any special, indirect, incidental, consequential or exemplary damages, however arising, even if Fisher has been advised of the possibility of such damages.