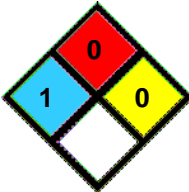


Rhenium (III) Chloride

Ru	Rh	Pd	Ag	Re	Os	Ir	Pt	Au
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NFPA 	HMS <table border="1"> <tr> <td style="background-color: #00B0F0;">HEALTH</td> <td style="text-align: center;">01</td> </tr> <tr> <td style="background-color: #FF0000;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #FFFF00;">REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">C</td> </tr> </table>	HEALTH	01	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	C
HEALTH	01								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION	C								

1. Product And Company Identification

<p>Supplier Colonial Metals, Inc. Building 20 505 Blue Ball Road Elkton, MD 21921 United States</p> <p>Company Contact: Wayne Sher Telephone Number: 410-398-7200 FAX Number: 410-398-2918 E-Mail: wsher@colonialmetals.com Web Site: colonialmetals.com</p>	<p>Manufacturer Colonial Metals, Inc. Building 20 505 Blue Ball Road Elkton, MD 21921 United States</p> <p>Company Contact: Wayne Sher Telephone Number: 410-398-7200 FAX Number: 410-398-2918 E-Mail: wsher@colonialmetals.com Web Site: colonialmetals.com</p>
<p>Supplier Emergency Contacts & Phone Number Chemtrac: 800-424-9300 World Wide - Call COLLECT to U.S: 703-527-3887</p>	<p>Manufacturer Emergency Contacts & Phone Number Chemtrac: 800-424-9300 World Wide - Call COLLECT to U.S: 703-527-3887</p>

Issue Date: 12/30/2010

Product Name: Rhenium (III) Chloride
Chemical Name: Same as above
CAS Number: 13569-63-6
Chemical Family: Platinum Group Metal
Chemical Formula: Cl₃Re
MSDS Number: 10005
Product Code: 1000-5

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
Rhenium(III)Chloride	13569-63-6	0 - 99

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.

Rhenium (III) Chloride

Ru Rh Pd Ag Re Os Ir Pt Au

Hazards Identification (Pictograms)**3. Hazards Identification****Primary Routes(s) Of Entry**

Eye Contact, Ingestion, Inhalation, Skin Contact

Eye Hazards

Causes eye irritation.

Skin Hazards

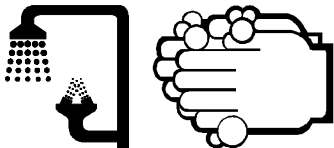
Causes skin irritation.

Ingestion Hazards

Harmful if swallowed.

Inhalation Hazards

Causes respiratory tract irritation.

First Aid (Pictograms)**4. First Aid Measures****Eye**

In case of contact, immediately flush eyes with plenty of water.

Skin

Rinse thoroughly with water and gently dry. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

Ingestion

Call a physician or a poison control center immediately. DO NOT INDUCE VOMITING.

Inhalation

Remove the victim from the contaminated area while protecting yourself from exposure by wearing an appropriate respirator. Put a similar respirator on the victim if possible. Call a physician or a poison control center immediately.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Extinguishing Media
In case of fire, use water fog, dry chemical, CO2, or "alcohol" foam. Water may be ineffective.

Fire Fighting Instructions
Avoid breathing vapors, gases and fumes. Firefighters should wear self-contained breathing apparatus and full protective gear. Eliminate sources of ignition.

6. Accidental Release Measures

Avoid release to the environment. Clean up spill immediately.

7. Handling And Storage


Handling And Storage Precautions
Keep containers tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.

Handling Precautions
Avoid breathing dust or spray mist. Avoid contact with skin and clothing.

Storage Precautions
Do not store directly on ground. Store in a dry place.

Work/Hygienic Practices
Use good personal hygiene. Wash thoroughly after handling. Wash thoroughly with soap and water after handling.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls
Use with adequate general and local exhaust ventilation.

Eye/Face Protection
Faceshield over safety glasses or goggles.

Skin Protection
Lab coat or other work clothing. Launder before reuse. Chemical-resistant gloves.

Respiratory Protection
The level of respiratory protection needed should be based on the required protection factor after evaluating chemical exposures using appropriate industrial hygiene monitoring and/or OSHA guidance.

Rhenium (III) Chloride**Ru Rh Pd Ag Re Os Ir Pt Au****9. Physical And Chemical Properties****Appearance**

Powder-Dark red

Chemical Type: Mixture**Molecular Weight:** 292,57 g/mol**10. Stability And Reactivity****Stability:** Stable under normal conditions**Hazardous Polymerization:** Will not polymerize.**Incompatible Materials**

Strong oxidizing agents

Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions. Hydrogen chloride gas and rhenium oxides.

11. Toxicological Information

No Data Available...

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information**Proper Shipping Name**

Not dangerous good.

ADR - Europe (Pictograms)**15. Regulatory Information****U.S. Regulatory Information**

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Section 313 Notification

This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

16. Other Information**NFPA Rating****Health:** 1**Fire:** 0

MATERIAL SAFETY DATA SHEET



Rhenium (III) Chloride

Ru Rh Pd Ag Re Os Ir Pt Au

16. Other Information - Continued

NFPA Rating - Continued

Reactivity: 0

HMIS Rating

Health: 01

Fire: 0

Reactivity: 0

Personal Protection: C

Disclaimer

In compliance with the OSHA Hazard Communication Standard, 2.9 C.F.R 1910.1200, we are providing you with a Materials Safety Data Sheet (MSDS) 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 presentation as to the accuracy of the information in the MSDS. 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 MSDS to your customer.

Colonial Metals, Inc.

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