

Potassium Perrhenate

Ru Rh Pd Ag Re Os Ir Pt Au

<p>NFPA</p>	<p>HMIS</p> <table border="1"> <tr> <td style="background-color: #00B0F0;">HEALTH</td> <td style="text-align: center;">02</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;">2</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">C</td> </tr> </table>	HEALTH	02	FLAMMABILITY	0	REACTIVITY	2	PERSONAL PROTECTION	C
HEALTH	02								
FLAMMABILITY	0								
REACTIVITY	2								
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: 12/02/2010

Product Name: Potassium Perrhenate
Chemical Name: Same as Above
CAS Number: 10466-65-6
Chemical Family: Platinum Group Metal
Chemical Formula: KO4Re
MSDS Number: 10003
Product Code: 1000-3

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POTASSIUM PERRHENATE	10466-65-6	99

This products contains no hazardous ingredients when evaluated by criteria established in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

EMERGENCY OVERVIEW

This product has OSHA hazards of Oxidizer and Irritant.

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

Ingestion - possible, but considered unlikely.
Skin Contact
Inhalation

Eye Hazards

Causes eye irritation.

Skin Hazards

Causes skin irritation.

Ingestion Hazards

Harmful if swallowed.

Inhalation Hazards

Causes respiratory tract irritation.

4. First Aid Measures**Eye**

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.

Skin

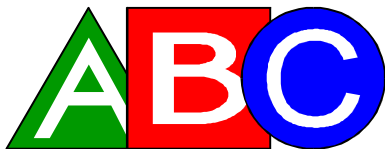
In case of contact, immediately flush skin with plenty of water for at least 15 minutes.

Ingestion

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

Inhalation

Call a physician or a poison control center immediately. Get medical attention immediately.

Fire Fighting (Pictograms)**5. Fire Fighting Measures**

Flash Point: N/A °F

Flash Point Method: N/A

Flammability Class: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A



Potassium Perrhenate

Ru Rh Pd Ag Re Os Ir Pt Au

5. Fire Fighting Measures - Continued

Fire And Explosion Hazards

Contact with other material may cause fire.

Extinguishing Media

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

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Avoid generating dust.

Sweep up and remove 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 creating dust.

Avoid contact with skin and clothing.

Avoid contact with eyes.

Storage Precautions

Store in a dry place.

Store in original vented container.

Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate ventilation.

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

General room ventilation is normally adequate.

9. Physical And Chemical Properties**Appearance**

White Powder

Odor

None

Chemical Type: Mixture**Physical State:** Solid**Melting Point:** 1022 °F 550 °C**Packing Density:** 4.887 g/ml at 25 degree C**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. Potassium oxides and Rhenium Oxides.

11. Toxicological Information**Acute Studies**

LD 50 Intraperitoneal - mouse - 692 mg/kg

Eye Effects

Causes eye irritation.

Skin Effects

May be harmful if absorbed through skin. Causes skin irritation.

Acute Oral Effects

May be harmful if swallowed.

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**

Oxidizing Solid, N.O.S. (Potassium Perrhenate)

Hazard Class

5.1

DOT Identification Number

1479

Packaging Requirements

II

Potassium Perrhenate

Ru Rh Pd Ag Re Os Ir Pt Au

14. Transport Information - Continued**Additional Shipping Paper Description**

IMDG and IATA - See regulations.

DOT (Pictograms)**TDG - Canada (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.

Canadian Regulatory Information

All ingredients of this product comply with the New Substances Notification requirements of the Canadian Environmental Protection Act (CEPA).

European Union (EU) Regulatory Information

R23/24/25 - Harmful by inhalation, in contact with skin and if swallowed
S36/37/39 - Wear suitable protective clothing, gloves, and eye/face protection
S7/8 - Keep container tightly closed and dry

WHMIS - Canada (Pictograms)**DSCL - Europe (Pictograms)**



Potassium Perrhenate

Ru Rh Pd Ag Re Os Ir Pt Au

16. Other Information

NFPA Rating

Health: 2

Fire: 0

Reactivity: 2

Other: OX

HMIS Rating

Health: 02

Fire: 0

Reactivity: 2

Personal Protection: C

Precautionary Label

Oxidizer and Irritant

Revision/Preparer Information

MSDS Preparer: Wayne S. Sher

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.