



MATERIAL SAFETY DATA SHEET

Potassium Tetrachloroaurate (III)

NFPA 	HMIS <table border="1"><tr><td>HEALTH</td><td>01</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>C</td></tr></table>	HEALTH	01	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	C	 IRRITANT
HEALTH	01									
FLAMMABILITY	0									
REACTIVITY	0									
PERSONAL PROTECTION	C									

1. Product And Company Identification

Supplier Colonial Metals, Inc. Building 20 505 Blue Ball Road Elkton, MD 21921 United States Company Contact: Michael Doss - Dir. of Regulatory Affairs Telephone Number: 410-398-7200 FAX Number: 410-398-2918 E-Mail: mdoss@colonialmetals.com Web Site: www.colonialmetals.com	Manufacturer Colonial Metals, Inc. Building 20 505 Blue Ball Road Elkton, MD 21921 United States Company Contact: Michael Doss - Dir. of Regulatory Affairs Telephone Number: 410-398-7200 FAX Number: 410-398-2918 E-Mail: mdoss@colonialmetals.com Web Site: www.colonialmetals.com
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Supplier Emergency Contacts & Phone Number Chemtrac: 800-424-9300 World Wide - Call COLLECT to U.S: 703-527-3887	Manufacturer Emergency Contacts & Phone Number Chemtrac: 800-424-9300 World Wide - Call COLLECT to U.S: 703-527-3887
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Issue Date: 11/26/2012

Product Name: Potassium Tetrachloroaurate (III)
CAS Number: 13682-61-6
Chemical Family: Platinum
Chemical Formula: KAuCl₄.XH₂O
MSDS Number: 2009
Product Code: 2009

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POTASSIUM TETRACHLOROAUATE (III) HYDRATE	13682-61-6	98

EMERGENCY OVERVIEW

To the best of our knowledge, this chemical, physical & toxicological properties have not been thoroughly investigated. Avoid elevated temperature. Product incompatible with mineral acids and organic reducing agents. May decompose chlorine vapors.

3. Hazards Identification

Primary Routes(s) Of Entry

Eye Contact
Ingestion - possible, but considered unlikely
Inhalation
Skin Contact

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3. Hazards Identification - Continued

Eye Hazards

Causes eye irritation.

Skin Hazards

Causes skin irritation.

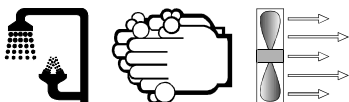
Ingestion Hazards

Harmful if swallowed.

Inhalation Hazards

Causes respiratory tract irritation.

First Aid (Pictograms)



4. First Aid Measures

Eye

Get medical attention immediately if irritation develops and persists.

Skin

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.

If not breathing, give artificial respiration.

Get medical attention immediately.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Extinguishing Media

Use CO₂ (Carbon Dioxide), dry chemical, or foam.

Fire Fighting Instructions

Eliminate sources of ignition.

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

6. Accidental Release Measures

Clean up spill immediately. Prevent release to the environment.

7. Handling And Storage

Handling And Storage Precautions

Keep containers tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.

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7. Handling And Storage - Continued

Handling Precautions

Avoid contact with skin and clothing.

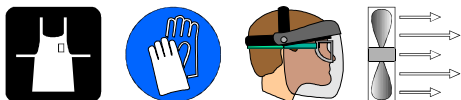
Storage Precautions

Do not store directly on ground. Store in original vented container.

Work/Hygienic Practices

Wash thoroughly after handling.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation.

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

Skin Protection

Chemical-resistant gloves

Respiratory Protection

In case of inadequate ventilation, use NIOSH-approved respirator

9. Physical And Chemical Properties

Appearance

Yellow to Orange Crystalline

Odor

Characteristic odor

Chemical Type: Mixture

Physical State: Solid

Melting Point: 357 °C

Molecular Weight: 467.95

Irritant

10. Stability And Reactivity

Stability: Stable under normal conditions

Hazardous Polymerization: Will Not Polymerize

Conditions To Avoid (Stability)

Stable under normal conditions

11. Toxicological Information

No Data Available...

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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

Non Hazardous

15. Regulatory Information

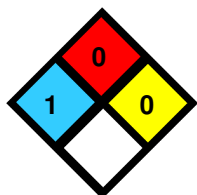
U.S. Regulatory Information

All ingredients of this product 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.

NFPA



HMIS

HEALTH	01
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	C

16. Other Information

Precautionary Label

Irritant

Revision/Preparer Information

MSDS Preparer: Michael Doss - Dir Reg Affairs

MSDS Preparer Phone Number: 4103987200

Reference Documentation

The following were the primary references used in the creation of this MSDS:
ERG, CAMEO, On Site Chemists, EPA, etc...

Disclaimer

CMI DISCLAIMER

In compliance with the OSHA Hazard Communication Standard, 29 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

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Disclaimer - Continued

customer.

Colonial Metals, Inc.

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