

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

Trade Name: Rhodium Chloride Hydrate

Formula: RhCl₃*3H₂O

II HAZARDOUS INGREDIENTS

TLV: 1.0 mg/m³

III PHYSICAL DATA

Boiling Point: N/A

Melting Point: N/A

Vapor Density: N/A

Vapor Pressure: N/A

Solubility: Very soluble in H₂O

Specific Gravity: N/A

Appearance and Odor: Ruby-red crystalline powder, with a chlorine odor

IV FIRE AND EXPLOSION HAZARDS DATA

Flash Point (Method Used): Non-Flammable

Flammable Limits: N/A

Special Fire Fighting Procedures: Self contained breathing apparatus, and as applicable for surroundings

Unusual Fire and Explosion Hazards: May emit toxic fumes of Cl₂

Extinguishing Media: CO₂, Foam, Dry chemical.

V HEALTH HAZARD INFORMATION

Effects of Overexposure: Skin irritant, and experimental carcinogen

EMERGENCY AND FIRST AID PROCEDURES:

EXTERNAL: Flush with soap and water for 15 minutes. If irritation persists consult physician.

INTERNAL: Contact poison control center immediately.

VI REACTIVITY DATA

Stability: Stable

Incompatible Materials: Organic solvents, reducing agents, oxidizers, zinc

Hazardous Decomposition Products: Cl₂

Hazardous Polymerization: Will not occur

Conditions to Avoid: Extreme heat.

VII SPILL OR LEAK PROCEDURES

Steps to Be Taken in Case Material Is Released or Spilled: Sweep up and contain in airtight plastic container.

Waste Disposal Method: Ship to precious metal refiner.

VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH/MSHA Approved.

Protective Gloves: Rubber for all contact.

Other Protective Equipment: Normal labwear.

Ventilation: Fume hood.

Eye Protection: Goggles

IX SPECIAL PRECAUTIONS

Other Precautions: Store in cool dry place. Keep tightly sealed when not in use. Read MSDS before using.

Labeling: In compliance with OSHA and NFPA requirements.

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