Material Safety Data Sheet

Palladium Chloride Passivation Test Kit (RXSOL-62-5522-025)

1. Product and Company Identifaction

Product Name	RXSOL-62-5522-025
Product Type	Palladium Chloride Passivation Test Kit

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Name	CAS #	composition
Palladium chloride	7647-10-1	formulated

3. Hazards Identification

Skin	Causes skin irritation. May affect metabolism if absorbed through skin.
Eyes	Causes eye irritation. May cause chemical conjunctivitis.
Ingestion	May cause gastrointestinal tract irritation with nausea, vomiting and diarrhea. May affect blood, immumological system, and metabolsim
Inhalation	Causes respiratory tract and mucous membrane irritation.

4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
Serious Skin Contact	Not available.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention
Serious Inhalation	Not available.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Serious Ingestion	Not available.

5. Fire-fighting Measures

Flammability of the Product	Non-flammable.
Auto-Ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Not available.
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	Not applicable.
Special Remarks on Fire Hazards	Not available.
Special Remarks on Explosion Hazards	Not available.

6. Accidental Release Measures

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and Storage

Precautions	Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as metals, acids.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F).

8. Exposure controls and personal protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits	Not available.

9. Physical and chemical properties

Physical state and appearance	Liquid.
Odor	Not available.
Taste	Not available.
Molecular Weight	177.3 g/mole
Color	Red-Brown. (Dark.)
pH (1% soln/water)	Not available.
Boiling Point	Not available.
Melting Point	679°C (1254.2°F)
Critical Temperature	Not available.
Vapor Pressure	Not applicable.
Vapor Density	Not available..
Volatility	Not available.
Odor Threshold	Not available.
Water/Oil Dist. Coeff.	Not available.
Ionicity (in Water)	Not available.
Dispersion Properties	See solubility in water, acetone.
Solubility	Soluble in cold water, acetone, hydrobromic acid.

10. Stability and reactivity

STABILITY	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	Excess heat, moisture, incompatible materials
Incompatibility with various substances	Reactive with metals, acids.
Corrosivity	Non-corrosive in presence of glass.
Special Remarks on Reactivity	Incompatible with organic solvents, acids, NH3, Zn, strong oxidizing agents, aluminum, magnesium, nitrates, thiocyanates
Special Remarks on Corrosivity	Not available.
Polymerization	Will not occur.

11. Toxicological information

Special Remarks on Chronic Effects on Humans	May cause adverse reproductive effects and cancer based on animal data. May affect genetic material
Special Remarks on other Toxic Effects on Humans:	
Acute Potential Health Effects:	
Skin	Causes skin irritation. May affect metabolism if absorbed through skin.
Eyes	Causes eye irritation. May cause chemical conjunctivitis.
Ingestion	May cause gastrointestinal tract irritation with nausea, vomiting and diarrhea. May affect blood, immumological system, and metabolsim
Inhalation	Causes respiratory tract and mucous membrane irritation.

12. Ecological information

Ecotoxicity	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation	Not available.

13. Disposal considerations

Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport information

NA

15. Regulatory information

NA

16. Other information

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