

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

Company Details:

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

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, immunological system, and metabolism Inhalation Causes respiratory tract and mucous membrane irritation.

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.

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	Risks of explosion of the product in presence of mechanical impact: Not available.
Explosion Hazards in Presence of Various Substances	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.	Special Remarks on Explosion Hazards	Not available.	Special Remarks on Explosion Hazards	Not available.

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.

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).

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.

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.						

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.		

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, immunological system, and metabolism		
Inhalation	Causes respiratory tract and mucous membrane irritation.		

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.

Waste Disposal

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

NA

NA

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