



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Palladium 5% on Barium Sulfate: sc-296013



The Power to Question

MATERIAL SAFETY DATA SHEET


Section I. Chemical Product and Company Identification	
Chemical Name	Palladium 5% on Barium Sulfate
Catalog Number	sc-296013
CAS Number	7440-05-3
Chemical Formula	Pd
Synonym	N/A
Supplier	Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800
Emergency	ChemWatch Within the US & Canada: 877-715-9305 Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section II. Composition and Information on Ingredients				
Chemical Name	CAS Number	Percent (%)	TLV/PEL	Toxicology Data
Palladium 5% on Barium Sulfate	7440-05-3 <small>7727-43-7 (Barium Sulfate)</small>	ca. 5% <small>ca. 95% (Barium Sulfate)</small>	Not available.	Not available.

Section III. Hazards Identification	
Acute Health Effects	No specific information is available in our data base regarding the toxic effects of this material for humans. However, exposure to any chemical should be kept to a minimum. Skin and eye contact may result in irritation. May be harmful if inhaled or ingested. Always follow safe industrial hygiene practices and wear proper protective equipment when handling this compound.
Chronic Health Effects	CARCINOGENIC EFFECTS : Not available. MUTAGENIC EFFECTS : Not available. TERATOGENIC EFFECTS : Tumorigenic Effects. (Barium Sulfate) Rat TDLo Intrapleural 200 mg/kg TOXIC Effects: Tumorigenic - Equivocal tumorigenic agent by RTECS criteria Lung, Thorax, or Respiration - Tumors DEVELOPMENTAL TOXICITY : Not available. Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions.

Section IV. 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. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If the victim is not breathing, perform mouth-to-mouth resuscitation. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, oxygen can be administered. Seek medical attention if respiration problems do not improve.
Ingestion	INDUCE VOMITING by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive.

Section V. Fire and Explosion Data			
Flammability	May be combustible at high temperature.	Auto-Ignition	Not available.
Flash Points	Not available.	Flammable Limits	Not available.
Combustion Products	Some metallic oxides.		
Fire Hazards	Not available.		
Explosion Hazards	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	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet. Consult with local fire authorities before attempting large scale fire-fighting operations.		

Section VI. Accidental Release Measures			
Spill Cleanup Instructions	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning the spill by rinsing any contaminated surfaces with copious amounts of water. Consult federal, state, and/or local authorities for assistance on disposal.		
Section VII. Handling and Storage			
Handling and Storage Information	Keep away from heat. Mechanical exhaust required. When not in use, tightly seal the container and store in a dry, cool place. Avoid excessive heat and light. Do not breathe dust. Always store away from incompatible compounds such as oxidizing agents, acids.		
Section VIII. Exposure Controls/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. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Be sure to use a MSHA/NIOSH approved respirator or equivalent. 		
Exposure Limits	Not available.		
Section IX. Physical and Chemical Properties			
Physical state @ 20°C	Solid. (Grey ~ black, crystal ~ powder.)	Solubility	Insoluble in Water.
Specific Gravity	12.02 4.5 (Barium Sulfate)		
Molecular Weight	Pd = 106.42 BaO ₃ S = 233.39 (Barium Sulfate)	Partition Coefficient	Not available.
Boiling Point	2970 °C (5378 °F) 1600 °C (2912 °F)(Barium Sulfate)	Vapor Pressure	Not applicable.
Melting Point	1554 °C (2829.2 °F) 1580 °C (2876 °F)(Barium Sulfate)	Vapor Density	Not available.
Refractive Index	Not available.	Volatility	Not available.
Critical Temperature	Not available.	Odor	Not available.
Viscosity	Not available.	Taste	Not available.
Section X. Stability and Reactivity Data			
Stability	This material is stable if stored under proper conditions. (See Section VII for instructions)		
Conditions of Instability	Avoid excessive heat and light.		
Incompatibilities	Reactive with oxidizing agents, strong acids, halogens, aluminum, phosphorus.		
Section XI. Toxicological Information			
RTECS Number	RT3480500		
Routes of Exposure	Eye Contact. Ingestion. Inhalation.		
Toxicity Data	Not available.		
Chronic Toxic Effects	CARCINOGENIC EFFECTS : Not available. MUTAGENIC EFFECTS : Not available. TERATOGENIC EFFECTS : Tumorigenic Effects. (Barium Sulfate) Rat TDLo Intrapleural 200 mg/kg TOXIC Effects: Tumorigenic - Equivocal tumorigenic agent by RTECS criteria Lung, Thorax, or Respiration - Tumors DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure to this compound is not known to aggravate existing medical conditions.		
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Section XII. Ecological Information

Ecotoxicity	Not available.
Environmental Fate	Not available.

Section XIII. Disposal Considerations

Waste Disposal	Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.
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Section XIV. Transport Information

DOT Classification	Not a DOT controlled material (United States).
PIN Number	Not applicable.
Proper Shipping Name	Not applicable.
Packing Group (PG)	Not applicable.
DOT Pictograms	

Section XV. Other Regulatory Information and Pictograms

TSCA Chemical Inventory (EPA)	This compound is ON the EPA Toxic Substances Control Act (TSCA) inventory list.
WHMIS Classification (Canada)	On NDSL On DSL (Barium Sulfate)
EINECS Number (EEC)	231-115-6 231-784-4 (Barium Sulfate)
EEC Risk Statements	Not available.
Japanese Regulatory Data	1-89 (Barium Sulfate)

Section XVI. Other Information

Notice to Reader:	<i>The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.</i>
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