

# Material Safety Data Sheet U.S. Department of Labor

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)  
**MesoPalladium -Colloidal palladium**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name <b>Purest Colloids, Inc.</b>	Emergency Telephone Number <b>(609) 267 – 6284</b>
Address (Number, Street, City, State, and ZIP Code) <b>213 Irick Rd.</b>	Telephone Number for Information <b>(609) 267 – 6284</b>
<b>Westampton, NJ 08060</b>	Date Prepared <b>03/14/06</b>
	Signature of Preparer (optional)

## Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
<b>None</b>				

## Section III - Physical/Chemical Characteristics

Boiling Point	<b>100 °C</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.00</b>
Vapor Pressure (mm Hg.)	<b>23.8 @25 °C</b>	Melting Point	<b>NA</b>
Vapor Density (AIR = 1)	<b>0.023 g/cm<sup>3</sup></b>	Evaporation Rate (Butyl Acetate = 1)	<b>NA</b>
Solubility in Water	<b>insoluble</b>		
Appearance and Odor	Color: <b>Clear liquid, dark grey in color</b> Odor: <b>none</b>		

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>NA</b>	Flammable Limits <b>NA</b>	LEL <b>None</b>	UEL <b>None</b>
Extinguishing Media <b>None</b>			
Special Fire Fighting Procedures <b>None</b>			
Unusual Fire and Explosion Hazards <b>None</b>			

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	<b>X</b>	<b>Colloid can be broken by freezing or treatment with strong acids.</b>
Incompatibility ( <i>Materials to Avoid</i> ) <b>None</b>			
Hazardous Decomposition or Byproducts <b>None</b>			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	

### Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <b>None</b>	Skin? <b>None</b>	Ingestion? <b>None</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>None</b>			
Carcinogenicity: <b>None</b>	NTP? <b>Not listed</b>	IARC Monographs? <b>Not listed</b>	OSHA Regulated? <b>Not required</b>
Signs and Symptoms of Exposure <b>None</b>			
Medical Conditions Generally Aggravated by Exposure <b>None</b>			
Emergency and First Aid Procedures <b>None required</b>			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled <b>None</b>
Waste Disposal Method <b>None required</b>
Precautions to Be taken in Handling and Storing <b>Should be stored at temperatures above freezing</b>
Other Precautions <b>None</b>

## Section VIII - Control Measures

Respiratory Protection ( <i>Specify Type</i> ) <b>None required</b>		
Ventilation	Local Exhaust <b>None required</b>	Special <b>None required</b>
	Mechanical ( <i>General</i> ) <b>None required</b>	Other <b>None required</b>
Protective Gloves <b>Not required</b>	Eye Protection <b>Not required</b>	
Other Protective Clothing or Equipment <b>Not required</b>		
Work/Hygienic Practices <b>No special practices required</b>		