

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)
MesoIridium -Colloidal iridium

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 Purest Colloids, Inc.	Emergency Telephone Number (609) 267 – 6284
Address (Number, Street, City, State, and ZIP Code) 213 Irick Rd.	Telephone Number for Information (609) 267 – 6284
Westampton, NJ 08060	Date Prepared 03/14/06
	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)
None				

Section III - Physical/Chemical Characteristics

Boiling Point	100 °C	Specific Gravity (H ₂ O = 1)	1.00
Vapor Pressure (mm Hg.)	23.8 @25 °C	Melting Point	NA
Vapor Density (AIR = 1)	0.023 g/cm³	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	insoluble		
Appearance and Odor	Color: Clear liquid, light blue-green in color Odor: none		

Section IV - Fire and Explosion Hazard Data

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

Section V - Reactivity Data

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

Section VI - Health Hazard Data

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

Section VII - Precautions for Safe Handling and Use

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

Section VIII - Control Measures

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