

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name: MesoSilica – Colloidal Silica

Chemical Name/Synonyms: None

Company: Purest Colloids Inc.
602 Highland Drive
Westampton NJ 08060

For information about this SDS, use this department contact phone#: 609-267-2112

Section 2: Hazard(s) Identification

Hazard Classification: Non-hazardous

Signal Word(s): None

Hazard Statements: None

Precautionary Statements: None

Description of other hazards: None

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Silicon Dioxide	NA	7631-86-9	.06
Water	NA	7732-18-5	99.94

Section 4: First-Aid Measures

After skin contact: None required

After eye contact: None required

After inhalation: None required

After swallowing: None required

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Non flammable

Special protective equipment for firefighters: None required

Section 6: Accidental Release Measures

Personal precautions: None required

Measures for environmental protection: None required

Measures for cleaning/collecting: None

Section 7: Handling and Storage

Handling: No special handling required

Storage: Do not freeze

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Non-hazardous ingredients	N/A	N/A	N/A	N/A

General protective and hygienic measures: None

Breathing equipment: Not required

Protection of hands: Not required

Eye protection: Not required

Section 9: Physical and Chemical Properties

Form: Clear liquid, colorless

Odor: None

Odor threshold: None

pH: 6.5-7.5

Melting point/melting range: Not Applicable

Boiling point/boiling range: 100 degree C

Flash point: Not Applicable

Evaporation rate: Not Applicable

Flammability: Non Flammable

Upper/lower flammability or explosive limits: Not Applicable

Auto ignition temperature: Not Applicable

Danger of explosion: None

Vapor pressure: 23.5 torr @ 25 degree C

Vapor density: 0.023g/L @25 degree C

Relative density: Not Applicable

Solubility in/Miscibility with water: soluble

Section 10: Stability and Reactivity

Reactivity: None
Chemical stability: Stable
Conditions to avoid: Colloid can be broken by freezing or treatment with strong acids
Incompatible materials: No Data Available
Hazardous decomposition products: No Data Available

Section 11: Toxicological Information

Acute toxicity: None
Potential routes of exposure/potential health effects
Skin: None
Eye: None
Inhalation: None
Ingestion: None
Carcinogenic effects: None
Mutagenic effects: None
Reproductive toxicity: None
Sensitization: None
Target organs: None

Section 12: Ecological Information

Ecotoxicity: Non Toxic
Mobility: No Data Available
Biodegradation: No Data Available
Bioaccumulation: No Data Available

Section 13: Disposal Considerations

No Special treatment required

Section 14: Transport Information

Road and Railway Transport: Non Hazardous Goods no special treatment required
Air transport : Non Hazardous Goods no special treatment required
Marine transport : Non Hazardous Goods no special treatment required

Section 15: Regulatory Information

No Regulations – Non Hazardous

Section 16: Other Information

SDS date of preparation/update: 10/22/2019