

Material Safety Data Sheet

PCI

Section 1. Product and Company Identification

Product Name: **MesoSilica** Product code: n/a

Manufacturer: **Purest Colloids, Inc.
600 Highland Drive, Suite 602
Westampton, NJ 08060** Effective Date: 1/2/2009

For More Information Call:
(609) 267-2112
M-F 9 AM -5:00 PM EST

In Case of Emergency Call:

Section 2. Composition and Information on Ingredients

Component	CAS #	% By Weight
Silicon Dioxide	7631-86-9	0.06
Water	7732-18-5	99.94

No components pose a risk.

Section 3. Hazards Identification

Appearance: **Liquid, colorless**

Potential Health effects: **No adverse effects.**

Section 4. First Aid Measures

Eye Contact: none required

Skin Contact: none required

Inhalation: none required

Ingestion: none required

Section 5. Fire Fighting Measures

Flammability of the Product: **Non-flammable.**

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No fire fighting measures required.

Section 6. Accidental Release Measures

Spills: Pick up with any absorbent material (Paper or cloth towels).

Section 7. Handling and Storage

Handling: No special handling required.

Storage: Avoid freezing.

Section 8. Exposure Controls/Personal Protection

None required.

Section 9. Physical and Chemical Properties

Appearance:	Liquid, purple in color.
Odor:	Odorless.
PH:	6.5 to 7.5
Vapor pressure:	23.5 torr at 25° C
Vapor density:	0.023 g/L at 25° C
Evaporation rate:	Same as water
Viscosity:	1 cps
Boiling point:	100° C
Freezing point/melting point:	0° C
Decomposition temperature:	N/A
Flash point:	N/A
NFPA Rating (estimated):	Health: 0, flammability: 0, reactivity: 0
Explosion limits:	N/A
Solubility:	particles insoluble in water
Density:	1.00 g/cc
Molecular from:	Silicon Dioxide in water

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Molecular weight: Silicon Dioxide, 60 g/mole, water 18 g/mole

Section 10. Stability and Reactivity

Stability: Stable

Conditions to avoid: Freezing

Incompatibility: Strong acids and peroxides

Section 11. Toxicological Information

Harmless for ingestion, inhalation, and skin contact.

Not carcinogenic.

Section 12. Ecological Information

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Section 13. Disposal Considerations

EPA Waste Number: Non-hazardous waste.

Treatment: Same as water.

Section 14. Transport Information

DOT Classification: Not regulated.

TDG Classification: Not regulated.

IMO/IMDG Classification: Not regulated.

ICAO/IATA Classification: Not regulated.

Section 15. Regulatory Information

U.S. Federal Regulations: Not regulated.

International Regulations: Not classified as dangerous.

No components pose a risk.

Section 16. Other Information

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None.