



MATERIAL SAFETY DATA SHEET

Luknova, Inc.
20 Cabot Blvd., Suite 300
Mansfield, MA 02048, USA
Tel: (508) 618-1257
Fax: (508) 618-1334
E-Mail: service@luknova.com
<http://www.luknova.com>

Preparation/Revision Date: 3/1/2015

Section 1. PRODUCT NAME AND CONTENT

Product Name: Luknova -Silica Gel Normal Phase Columns, C2, C4, C8, C18, C30, Cyano (CN), Cyclohexyl, and Phenyl-bonded silica gel and Reverse Phase Columns; Amine and Diol-bonded silica gel and Normal Phase Columns; Amine, Diamine, Diethylamine, and Trimethylaminopropyl chloride (SAX)-bonded silica gel and Anion Exchange Phase Columns; Carboxylic acid (WCX), Benzenesulfonic acid (SCX), Propylsulfonic acid (SCX-2)-bonded silica gel and Cation Exchange Phase Columns; Silica-based Mixed-Mode Phase Columns Flash Columns and Solid Phase Extraction (SPE) Columns Preloaded Solid Loading Cartridge, Solid Loading Cartridge EasyFil Filters packed with Silica, Silica Gel

Product Content: Amorphous Silicon Dioxide or Derivatized Amorphous Silicon Dioxide

Section 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component:	CAS #
Amorphous Silicon Dioxide, chemically prepared	7631-86-9

Section 3. HAZARDS IDENTIFICATION

NFP A ratings (scale 0 - 4)	HIMS - ratings (scale 0 - 4)
Health = 1	Health = 1
Fire = 0	Fire = 0
Reactivity = 0	Reactivity = 0

Section 4. FIRST AID MEASURES

Emergency First Aid: Get medical assistance as required.

Skin: Immediately rinse with water.

Eyes: Immediately rinse under running water. See medical assistance if discomfort occurs.

Inhalation: Toxic and harmful if inhaled. Supply fresh air.

Ingestion: Wash mouth out with water. Get medical assistance.

Section 5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: Not determined.

Fire Fighting Procedures: Use fire fighting measures that suit the environment.

Protective equipment: Wear protective equipment.

Flammability: Not flammable

Flash Point (°F): Not Applicable

Section 6. HANDLING AND STORAGE

Handling: Wear protection to prevent dust formation.

Storage: Keep container tightly sealed.

Section 7. ACCIDENTAL RELEASE MEASURES

Person-related safety: Wear protective clothing.

precautions:

Measures for cleaning Vacuuming may be used to avoid dust dispersal.
Additional information: See section 6 for safe handling.
See section 8 for personal protection equipment.
See section 12 for disposal information.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not determined.
General protection: The measures for handling chemicals should be followed.
Protection of hands: The glove material has to be impermeable to the product!
Eye protection: Safety glasses.
Body protection: Protective work clothing.
Breathing equipment: A suitable respiratory protective device is recommended.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid, micron powder
Color: White to off-white
Odor: None
pH at 20°C (68°F): 6.0-8.0 (5% slurry)
Melting Point (°C): Not determined
Density: Not determined
Bulk Density (lb/ft³): 25-50
Solubility in Water (%): Insoluble

Section 10. STABILITY AND REACTIVITY

Stability: Material is stable under normal condition.
Dangerous Reactions: Reacts with Hydrogen Fluoride.
Dangerous products of decomposition: Not determined

Section 11. TOXICOLOGICAL INFORMATION

Toxicity: Not determined
Primary irritant effect: May cause irritation with dryness and abrasion on the skin.
In the eye: May cause abrasion, redness and pain.
No sensitizing effects known.
chronic toxicity: Not determined.

Section 12. ECOLOGY INFORMATION AND DISPOSAL CONSIDERATIONS

Aquatic toxicity: Not determined.
General Note: Generally not hazardous for water.
Dispose of in accordance with all federal, state, provincial and local regulations.

Section 13. TRANSPORT INFORMATION

Not regulated as hazardous goods by DOT, ADR, IMO or IATA.

Section 14. OTHER INFORMATION

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.