

Safety Data Sheet



CD BioSciences
Bio Sustainable

1. Identification

Product Name: Nitrogen-Doped Carbon Microsphere/Graphene Composite Aerogel for Lithium Extraction in Acidic Systems

Catalogue Number: A-21510

Company Name: CD BioSustainable

Address: SUITE 206, 17 Ramsey Road, Shirley, NY 11967, USA

Telephone: 1-631-637-0420

Fax Number: 1-631-938-6329

Email: info@sustainable-bio.com

Other Names: None

Other Information: Emergency contact: 1-631-624-4882

2. Hazard Identification

Routes of Entry: Skin, Ingestion, Inhalation

Eye Contact: Undiluted liquid maybe irritating to eyes

Skin Contact: Undiluted liquid may be irritating to skin. Prolonged or repeated skin contact may cause allergic dermatitis.

3. Composition/information on ingredients

Formula: No data available

CAS-No.: No data available

4. First-aid measures

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

Skin: Wash with soap and water - get medical attention if irritation occurs.

Ingestion: Do not induce vomiting. Administer milk or water to dilute. Seek medical attention.

Inhalation: Remove to fresh air.

5. Fire-fighting measures

Flash Point (Method Used): Will not ignite

Extinguishing Media: Dry Carbon Dioxide Foam

Special Firefighting Procedures: Use self contained breathing equipment for fighting interior fires.

Unusual Fire & Explosion Hazards: No

6. Accidental release measures

Personal Protection: OSHA approved chemical resistant gloves and safety glasses should be worn. Chemical resistant clothing may also be worn as an added precaution. If desired,

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Environmental Protection:	use a NIOSH approved respirator. Notify authorities if large amounts of product enters sewer.
Methods for Cleaning Up:	Eliminate sources of ignition and ventilate area. Absorb onto an inert, absorbent substrate and sweep up. Wash with soap and water.

7. Handling and storage

Handling	
Safe Handling:	Wear safety glasses. Keep away from oxidizing agents, excessive heat and sources of ignition.
Storage	
Storage Areas and Containers:	Store in a cool, dry location, in a sealed container in a well ventilated area.

8. Exposure controls/personal protection

Engineering Controls:	Have eye wash stations available near workstations
Personal Protection Eye:	OSHA approved safety glasses should be worn.
Skin/Body:	Chemical resistant clothing and gloves may be worn.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.
Ventilation:	Handle in well ventilated areas.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Work/Hygiene Practice:

9. Physical and chemical properties

Appearance	No data available
Odour	No data available
Solubility	No data available

10. Stability and reactivity

Stability:	Stable
Conditions to Avoid:	Extreme heat
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or Byproducts:	None
Hazardous Polymerization:	Will Not Occur

11. Toxicological Information

Signs and Symptoms of Exposure:	Irritation of skin and eyes; dizziness or lightheadedness; nausea or vomiting.
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Irritancy: Skin: May be an irritant
Eyes: May be an irritant
Carcinogenicity: NTP: No IARC: No
OSHA Regulated: No

12. Ecological information

Ecological Information: No ecological hazards are associated with this product.

13. Disposal considerations

Waste Disposal Methods: Do not put into sewer lines. Dispose of according to local, state and federal regulations.

14. Transport information

DOT Classification: Not regulated

15. Regulatory information

No Information

16. Other Information

This information is provided for documentation purposes only.

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