



Material Safety Data Sheet

Section I - Identity

Identity (As Used on Label and List): Activated Carbon, (Powdered, Granular or Pelletized)

Manufacturers Name: **General Carbon Corporation**

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Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>%</u>
Carbon: Activated Carbon	N/A	N/A	N/A	100%

This Product Is Non-Hazardous According To The Definition For "Health Hazard" And "Physical Hazard" Provided In The OSHA Hazard Communication Law (29 CFR Part 1910).

Section III - Physical/Chemical Characteristics

Boiling Point: N/A

Vapor Pressure (mm Hg): N/A

Vapor Density (AIR = 1): N/A

Specific Gravity (H₂O = 1): 2.3 g/cc real density

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1) N/A

Solubility in Water: Insoluble

Appearance and Odor: Solid Black, Powder, Granule or Pellet, Odorless

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): N/A

Flammable Limits: N/A

LEL: N/A

UEL: N/A

Extinguishing Method: Flood with copious amounts of water or use foam, CO₂ or Dry Chemical

Special Fire Fighting Procedures: None

Unusual Fire And Explosion Hazards: Contact with strong oxidizers such as ozone, liquid oxygen, chlorine, permanganate, etc. may result in fire.

Section V - Reactivity Data

Stability: Stable

Incompatibility (Materials to Avoid): Strong oxidizers; i.e., ozone, oxygen, chlorine, permanganate, etc.

Hazardous Decomposition or Byproducts: Carbon Monoxide may be generated in the event of fire.

Hazardous Polymerization: Will not occur

Section VI - Health Hazard Data

Routes of Entry: Inhalation: Yes

Skin: Yes

Ingestion: Yes

Health Hazard (Acute and Chronic): Acute inhalation is LC50 (RAT) is 64.4 mg/l (nominal concentration) for activated carbon. The product is not a primary skin-irritant. The primary skin irritation index Rabbit is 0. The product is non-toxic through ingestion. The acute oral LD50 RAT is 10 g/kg.

Carcinogenicity: N/A

NTP: N/A

IARC Monographs: N/A

OSHA Regulated: N/A

Signs and Symptoms of Exposure: N/A

Medical Conditions Aggravated by Exposure: Contact Lens Users Without Proper Eye Protection

Emergency and First Aid Procedures: Eyes - Flush With Water For At Least 15 Minutes

Skin - Wash With Soap And Water

Section VII - Precautions For Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled: Sweep up unused carbon and discard in refuse container or repackage. Use mask to avoid breathing dust.

Waste Disposal Method: Dispose of unused carbon in refuse container. Dispose of in accordance with local, state and federal regulations.

Precautions To Be Taken In Handling And Storing: Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels and enclosed or confined spaces. Do not get in eyes, or on skin or clothing. Do not breathe dust.

Other Precautions: Before entering such an area, sampling and work procedures for low oxygen levels should be taken to ensure ample oxygen availability, observing all local, state and federal regulations.

Section VIII - Control Measures

Respiratory Protections (specify type): NIOSH approved particulate filter respirator is recommended if excessive dust is generated.

Ventilation: Local Exhaust: recommended

Mechanical (General): recommended

Special: N/A

Other: N/A

Protective Gloves: Rubber gloves recommended

Eye Protection: Safety goggles/glasses recommended

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Wash thoroughly after handling.

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