

SAFETY DATA SHEET PELLETIZED OR GRANULAR COAL CARBON

DATE OF ISSUE: 02/24/2015

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Product Name: ACTIVATED CARBON – Coal Based (STP-460)
Product Use: According to Manufacturer's recommendation
Company Identification: CALIFORNIA CARBON CO., INC.
2825 E. GRANT ST.
WILMINGTON, CA 90744
Telephone Number: 1-800-663-5830
1-562-436-1962
Fax Number: 1-562-437-1217
Email: CCarbon2@aol.com

SECTION II – HAZARDS IDENTIFICATION

OSHA Regulatory Status: Not regulated
HMIS Ratings: Health – 0
(NFPA) Flammability – 1
Reactivity – 0
Special – n/a

Key to Ratings

4 = Extreme/Severe
3 = High/Serious
2 = Moderate
1 = Slight
W = Water Reactive
OX = Oxidizer

Protective Equipment: Safety glasses with side shield or goggles, gloves, long sleeve shirt or lab coat, long pants recommended.
Health Effects: See Section IV
Environmental Effects: See Section XII



Hazard Symbol:

Eye Irritation Category 2B
Respiratory Irritation Category 3

Contact may cause eye irritation. Dust may be slightly irritating to eyes and respiratory track.
Wet activated carbon removes oxygen from air causing a severe hazard to workers in enclosed or confined space.

Precautionary Statements

Prevention: Avoid generation of dust during handling. Avoid breathing dust. Wash thoroughly after handling. Use in a well-ventilated area.
Response: IF INHALED: Remove to fresh air.
IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present. Continue rinsing.
Storage: Store in a well-ventilated place. Keep container tightly closed.
Container Labeling: Not implemented at this time.

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity (% by weight)	Common Name	CAS No.	Impurities
100%	Activated Carbon	68647-86-9	None

SECTION IV – FIRST AID MEASURES

Routes of Exposure

Inhalation:	Dust may cause mild irritation to the upper respiratory tract.
Skin:	Dust may cause mild irritation, possible reddening.
Eyes:	Dust may cause mild irritation, possible reddening.
Ingestion:	Dust may cause mild irritation to digestive track resulting in nausea or diarrhea.
Signs/Symptoms of Exposure:	Dust may cause irritation and redness of eyes, irritation of skin and respiratory system. The effects of long-term, low-level exposures to this product have not been determined.

Emergency and First Aid

Procedures:	For Eye Contact: Immediately flush with copious amounts of water for at least 15 minutes, lifting both the upper and lower lids occasionally; seek medical attention. For Skin Contact: Wash with soap and water; seek medical attention. For Inhalation: Remove to fresh air and rest as needed; seek medical attention for any breathing difficulty. For Ingestion: Drink plenty of water; seek medical attention.
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Medical Conditions Generally

Aggravated by Exposure:	People with pre-existing skin conditions or eye problems or impaired respiratory function may be more susceptible to the potential effects of the dust.
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SECTION V – FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Use an extinguishing media suitable for the surrounding fire.
Specific Hazards:	As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. Activated carbon is difficult to ignite and tends to burn slowly (smolder) without producing smoke or flame. Carbon monoxide and carbon dioxide gas may be emitted upon combustion of material. Contact with strong oxidizers such as ozone or liquid oxygen may cause rapid combustion.

Protective Equipment and Procedures:

Wear NIOSH approved self-contained breathing apparatus suitable for the surrounding fire.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective equipment, keep unnecessary personnel away, and ventilate area of spill.
Environmental Precautions:	The material is not soluble, but can cause a particulate emission if discharged to waterways; therefore, dike all entrances to sewers and drains to avoid introducing the material into the waterways.
Containment and Clean-up:	Dike all entrances to sewers and drains. Vacuum or shovel spilled material and place in closed container for disposal. Remove product to appropriate storage area until it can be properly disposed of in accordance with local, state and federal regulations. Avoid dust formation.

SECTION VII – HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid prolonged contact with eyes and skin. Keep away from ignition sources. Use in well ventilated areas. Protect containers from physical damage. Wash hands after handling.
Conditions for Safe Storage:	Store in cool, dry, ventilated area and in closed containers. Keep away from oxidizers, heat or flames. Store away from ignition sources.

SECTION XI – TOXICOLOGICAL INFORMATION

Acute Toxicity: Not Classified

Inhalation, Ingestion, Eye Irritation, Skin Irritation: See Section IV.

Sensitization: Not determined on the finished product.

Target Organ(s) or System: Eyes, skin and upper respiratory system.

Signs and Symptoms of Exposure: See Sections III and IV

Chronic Effects: Carcinogenicity, Mutagenicity, Reproductive Effects, Developmental Factors: Not determined on the finished product.

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity, Persistence/Degradability, Bioaccumulation/Accumulation, Mobility in Environmental Media, Other Adverse Effects: Not determined on the finished product.

SECTION XIII – DISPOSAL CONSIDERATIONS

Vacuum or shovel material into a closed container. Storage and disposal should be in accordance with applicable local, state and federal laws and regulations. Local regulations may be more stringent than state or federal requirements. Activated Carbon is an adsorbent media; hazard classification is generally determined by the adsorbate that the carbon has picked up. Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal.

SECTION XIV – TRANSPORT INFORMATION

Ship in accordance with all local, state, and federal laws and regulations.

UN Number: Not regulated

UN Proper Shipping Name: N/A

Transport Hazard Classes: N/A

Packing Group: N/A

Sea Pollutants: N/A

Special Precautions for user related to transport: N/A

Note: Under the UN classification for activated carbon, all activated carbons have been identified as a class 4.2 product. However this product has been tested according to the United Nations Transport of Dangerous Goods test protocol for a “self-heating substance” and it has been determined that this product does not meet the definition of a self-heating substance, or any other hazard class, and therefore should not be listed as a hazardous material. This information is applicable only for the Activated Carbon product identified in this document.

SECTION XV – REGULATORY INFORMATION

Carbon (7440-44-0): Listed on the United States TSCA Inventory

SECTION XVI – OTHER INFORMATION

The information contained herein is based on data considered accurate in light of current formulation. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.