



Coconut Base Activated Carbon

Safety Data Sheet

Revision date: 7/1/2023

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product identifier : Coconut Base Activated Carbon

Other identifier : Carbon

1.2. Composition/ingredient description

Carbon – 100% (CAS No.: 7440-44-0)

Component : Steam Activated Coconut Carbon
This product is considered non-hazardous by criteria specified in 29 CFR 1910.1200 (Hazard Communication. Product is not spontaneously combustible or self-heating.)

1.3. Details of the supplier of the safety data sheet

Carbon Enterprises Inc.
PO Box 787
28205 Scippo Creek Rd
Circleville, OH 43113
800-344-5770

info@ceifiltration.com

ceifiltration.com

1.4. Emergency telephone number

Emergency number 740-420-6472
9:00 AM to 4:30 PM
Monday through Friday

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US Classification

Eye Irritation : 2B H320
STOT : SE 3 H335

2.2. Label elements

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Warning
Hazard statements (GHS-US) : H320 – Causes eye irritation
: H335 – May cause respiratory irritation
Precautionary statements (GHS-US) : P261 – Avoid breathing dust
: P264 – Wash thoroughly after handling
: P271 – Use in well-ventilated area
: P280 – Wear protective gloves/clothing/eye & face protection
: P304&P340: IF INHALED: Remove person to fresh air
: P305&P351&P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
: P312 – Call Poison Control Center/Doctor if you feel sick
: P403&P233 – Store in well-ventilated place. Keep container tightly closed
: P405 – Store locked up
: P501 – Dispose of container to appropriate receptacle

2.3. Other hazards

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No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	CAS No.	%	GHS US classification
Carbon	7440-44-0	100	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air. If not breathing, administer CPR or artificial respiration. Get immediate medical attention.
- First-aid measures after skin contact : If skin reddening or irritation develops, seek medical attention
- First-aid measures after eye contact : Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.
- First-aid measures after ingestion : If the material is swallowed, get immediate medical attention or advice. DO NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory irritation
- Symptoms/injuries after skin contact : May cause skin irritation
- Symptoms/injuries after eye contact : Causes serious eye damage
- Symptoms/injuries after ingestion : May be harmful if swallowed

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : In involved with fire, flood with plenty of water
- Unsuitable extinguishing media : None

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known
- Explosion hazard : None known
- Reactivity : Contact with strong oxidizers such as ozone, liquid oxygen, chlorine, etc. may result in fire.

5.3. Advice for firefighters

- Protection during firefighting : Firefighters should wear full protective gear

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with the skin and eyes

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

None

6.3. Methods and material for containment and cleaning up

- For containment : If possible, stop flow of product
- Methods for cleaning up : Shovel or sweep up and put in closed container for disposal

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6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Wet activated carbon removes oxygen from air causing severe hazard to workers inside carbon vessels or confined spaces.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect containers from physical damage. Store in a dry, cool, well-ventilated area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards

Personal protective equipment : Eye & Respiratory Protection (under applicable exposure limits)



Hand protection : None required under normal product handling conditions

Eye protection : Safety glasses

Skin protection : Wear suitable working clothes

Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Particulate
Color	: Black
Odor	: No data available
Odor threshold	: No data available
Ph	: No data available
Relative evaporation rate	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available

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Relative Vapor density @ 20 deg C	: No data available
Relative Density	: 28-33 lb / cub foot
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Contact with strong oxidizers such as ozone liquid oxygen, chlorine, etc. may result in fire

10.2. Chemical stability

Stable under normal conditions of storage

10.3. Possibility of hazardous reactions

Will not occur

10.4. Conditions to avoid

None

10.5. Incompatible materials

Strong oxidizing and reducing agents such as ozone, liquid oxygen or chlorine

10.6. Hazardous decomposition products

Carbon monoxide may be generated in the event of a fire

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Carbon (7440-44-0)	
LD50 oral rat	: >10000 mg/k
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes eye irritation
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity	: May cause respiratory irritation (single exposure)
Specific target organ toxicity	: Not classified (repeated exposure)
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bio accumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste Treatment Methods

Waste disposal recommendations: Dispose of contents/container in accordance with local/regional/international regulations

SECTION 14: Transport information

In accordance with DOT/ADR/RID/ADNR/IMDG/ICAO/IATA

14.1. UN Number: Not applicable

14.2. UN proper shipping name: Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

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

15.2. US State Regulations:

No additional information available

SECTION 16: Other information

16.1. Full text of h-phrases

Eye Irrit. 2B

STOT SE 3

H335

: Serious eye damage/eye irritation Category 2B

: Specific target organ toxicity (single exposure) Category 3

: May cause respiratory irritation

16.2. NFPA



NFPA health hazard : 1-Exposure could cause irritation but only minor residual injury even if no treatment is given

NFPA fire hazard : 0-Materials that will not burn

NFPA reactivity : 0-Normally stable, even under fire exposure conditions, and are not reactive with water

SDS No. 7440-44-0

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