

## SAFETY DATASHEET

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Chemical Name: COCONUT SHELL BASE STEAM ACTIVATED CARBON  
 Chemical Family: **Carbon**  
 Formula: **Carbon**

Supplier :  
**IndoCarb AC LLC (BO Group)**  
 651 Holiday Dr, STE 400,  
 Pittsburgh, PA 15220, USA  
 P : +1 (412) 928-4970 F: +1(412) 365-5634

Factory / Manufacturer Address :  
 S.F.No: 1147/1A, A.P.Pudur (Post),  
 Vattamalai Village, Kangayam, TN 638701, India.  
 P: +91 4257 230 600

### 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 combustibile or self-heating.

Freight Class: Class 70

### Section 2 - Hazardous Identification

#### 2.1 GHS-US Classification

Eye Irritation 2B H320  
 STOT SE 3 H335

#### 2.2 Label Elements



Hazard Pictograms

Signal word (GHS-US)

Hazard Statements

Precautionary statements (GHS-US)

: Warning  
 : H320- Causes eye irritation  
 : H335- May cause respiratory irritation  
 : P261- Avoid breathing dust  
 : P264- Wash thoroughly after handling  
 : P271- Use in well-ventilated area  
 : P280- Wear protective gloves/clothing/eye & face protect  
 : P304&340: IF INHALED: Remove person to fresh air  
 : P305&351&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

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2.3 Other Hazards

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 #	%	GHS US classification
Carbon	7440-44-0	100	Not classified

**Section 4 – First Aid Measures**

4.1 Description of first aid measures

First aid after inhalation	Remove person to fresh air. If not breathing, administer CPR or artificial respiration. Get immediate medical attention.
First aid after skin contact	If skin reddening or irritation develops, seek medical attention
First aid after eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.
First aid 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 is 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	If involved with fire, flood with plenty of water
Unsuitable extinguishing media	None

5.2 Special hazards arising from 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
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**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

**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 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

Hand Protection

: None required under normal product handling conditions

Eye Protection

: safety glasses

Skin and body protection

: Wear suitable working clothes

Respiratory protection

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

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**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
Relative Vapor density @ 20 deg C	: No data available
Relative Density	: 28-33 lb/ cubic 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

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.

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FACTORY CERTIFICATIONS



651 Holiday Dr | STE 400 | Pittsburgh | PA 15220 | US

☎ 412.928.4970 🖨 412.365.5634 📧 info@blackopalcarbons.com 🌐 www.blackopalcarbons.com

**Section 11: Toxicological information**

**11.1 Information on toxicological effects**

Acute toxicity : Not classified

Carbon (7440-44-0)

LD50 oral rat : >10000 mg/kg

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 Bioaccumulative potential**

No additional information available

**12.4 Mobility in soil**

No additional information available

**12.5 Other adverse effects**

No additional information available

**Section 13: Disposal concerns**

**13.1 Waste treatment methods**

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

**Section 14: Transportation 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

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**Section 15: Regulatory information**

15.1 US Federal regulations

Carbon (7440-44-0)

Listed on the United States TSCA inventory

15.3 US State regulations

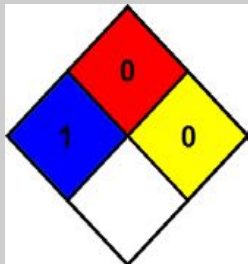
No additional information available

**Section 16: Other information**

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



NFPA health hazard  
 NFPA fire hazard  
 NFPA reactivity

: 1-Exposure could cause irritation but only minor residual injury even if no treatment is given  
 : 0- Materials that will not burn  
 : 0- Normally stable, even under fire exposure conditions, and are not reactive with water

**END OF SAFETY DATA SHEET**

\*\*The information contained herein is accurate to the best of our knowledge. UCS and BO Group makes no warranty with respect hereto said information and disclaims all liability from reliance there in.\*\*

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