



The Worldwide Resource...

# THE BTTCO OVERSEAS

A GOVT. OF INDIA RECOGNIZED \*STAR EXPORT HOUSE\*  
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

## Material Safety Data Sheet (MSDS) Coconut Shell Steam Activated Carbon Powder

### Section 1 - Chemical Product and Company Identification

Trade Name : Coconut Shell Steam Activated Carbon Powder  
Identification : Black granules  
Intended uses : Water treatment & gas treatment

### Section 02 - Composition/Data On Components

#### Chemical characterization

**Description** : Black granules derived from Coconut shell charcoal

**Dangerous components** : NIL

### Section 03 - Hazard Identification

**Hazard Description** : The product is Non flammable  
**Human Hazards** : Eye Irritant, Non Flammable  
**Environmental** : Thermal decomposition above 800 °C generates smoke and dust hazards

### Section 04 - First-Aid Measures

**Eye contact** : Immediately flood with plenty of fresh water or emergency eyewash, For atleast 15 minutes, seek medical attention immediately.

**Skin contact** : Wash the affected area thoroughly with soap and water. Remove Contaminated clothing and launder before use. If skin irritation persists seek medical attention.

**Ingestion** : If swallowed, do not induce vomiting, seek medical attention immediately.

**Inhalation** : Remove affected person immediately to fresh air. Commence Resuscitation, if necessary and seek medical attention immediately.



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### Section 05 - Fire-Fighting Measures

**Non-flammable material.**

**For safety reasons unsuitable**

: Water with full jet extinguishing agents

**Protection of firefighters** : Wear full protective clothing and self-Contained breathing apparatus.

### Section 06 - Accidental Release Measures

**Personal precautions** : Wear goggles and gloves

**Environmental precautions**

: Avoid discharge into sewers and waterways.

### Section 07 – Handling and Storage

**Handling** : Use appropriate grounding equipment while handling this material. Provide sufficient air exchange and/or exhaust at the work place

**Fire and explosion protection**

: Keep ignition sources away – Do not smoke. Protect against electrostatic charges

**Storage**

: Keep away from direct sun heat. Store in dry conditions, at temperature between 20 and 40 deg. C. Do not store in open or unlabelled containers. Use authorized and labelled containers if transferred to other containers.

**Recommended packing** : HDPE Bag

**Retention area** : Yes

### Section 08 - Exposure Controls / Personal Protection

**Respiratory protection** : Atmospheric levels should be maintained below the Exposure guidelines. Use only in well ventilated areas. If ventilation standard is inadequate respiratory Protective equipment may be used.



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- Skin protection** : Impervious gloves or gloves resistant to chemical penetration
- Eye protection** : Chemical goggles
- Industrial hygiene** : Wash hands with water and soap after handling. Apply Cream after work to prevent defeating (drying) of the skin

### Section 09 - Physical And Chemical Properties

- Appearance (Form and color)** : Solid,Black Granulaes
- Appearance (Physical state)** : Solid
- Odor** : Nil
- Flash point** : > 650°C
- Ignition temperature** : > 450°C
- Solids content** : > 98%
- Volatile Content** : 5-7%
- Density** : max at 23° C
- 0.500 – 0.600gm/ml**
- Solubility in water** : Insoluble

### Section 10 - Stability And Reactivity

- Stability** : No decomposition if used according to specifications
- Reactivity** : Reacts with strong oxidizing agents
- Dangerous decomposition products** : CO, CO<sub>2</sub>

### Section 11 - Toxicological Information

In case of accidental swallowing, do not provoke vomiting. Irritant to eyes, respiratory system and skin.

### Section 12 - Ecological Information

Do not allow reaching ground water, watering course or sewage system.



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### Section 13 - Disposal Considerations

Do not dump into any sewers, on the ground, or into any body of water.

All disposal methods must be in compliance with all federal, state/provincial and local laws and regulations. Regulations may vary in different locations. Waste characterization and compliance with applicable law are the responsibility solely of the waste generator.

### Section 14 - Other Information

Handle in accordance with good industrial and safety practices.

The information contained in this Material Safety Data Sheet is based on the present state of knowledge and believed to be accurate as of the effective date shown above. However no warranty, express is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer responsibility to ensure that its activities comply with federal, state or provincial and local laws.

### Section 15 – Transport Information

For regulatory information, if required, consult transportation regulations or product shipping papers.

### Section 16 – Regulatory Information

**Hazard symbol(s)** : N.A.  
**R-phrases** : N.A.  
**S-phrases** : N.A.  
**Other** : N.A.

**Date: 01.04.2025**

**Place: Ahmedabad, Gujarat, India**