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## MATERIAL SAFETY DATA SHEET

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### SECTION 1 : THE SUBSTANCE IDENTIFICATION AND COMPANY IDENTIFICATION

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#### Product Identification

Product Name : Coconut Shell Charcoal Briquette  
Properties : Made from coconut shell charcoal  
Product Purpose : Liquid and Vapor application, boiling and cooking

#### Contact Information

Company Name : PT. COCO TOTAL KARBON INDONESIA  
Address : Jalan Mayor Unus KM 1.5, Jogonegoro, Kec. Mertoyudan  
Magelang, Jawa Tengah, Indonesia  
Telephone : +62293-7183008  
Contact Person : Wilson Gosalim  
Telephone : +6282114700797

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### SECTION 2 : HAZARDS IDENTIFICATION

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#### Classification according to Regulation (EC) No 1272/2008 [CLP]

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### Classification according to Directive 1999/45/EC

This substance is not classified as dangerous according to Directive 67/548/EEC.

#### Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

Symbol	None
Signal word	None
Hazard Statement	None
Precautionary statement	None

#### Other Hazard

There is no additional information

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### SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

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#### Composition Information

Substance : Coconut Shell Charcoal 98%, tapioca flour 2%.

Moisture Content (weight %)	: 10 max.
Ash Content (weight %)	: 5 max.
Volatile Matter (weight %)	: 20 max.
Carbon Content (weight %)	: 70 min.



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## **SECTION 4 : FIRST AID MEASURES**

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### **Emergency and First Aid Procedures :**

Inhalation	If breathed in, move person into fresh air. If not breathing, consult a physician.
Skin contact	Wash off with soap and plenty of water. Cover the irritated skin with an emollient. Consult a physician.
Eye contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

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## **SECTION 5 : FIRE FIGHTING MEASURES**

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### **Extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **Special hazards arising from the substance or mixture**

Material is not sensitive to mechanical impact. Material is sensitive to static discharge.

### **Advice for firefighters**

Wear self contained breathing apparatus for firefighting if necessary.

### **Special Information**

Not available.

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## **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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### **Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes, use personal protection recommended.

### **Environmental precautions**

Not available.

### **Methods and material for containment and cleaning up**

Contain spill with sand or absorbent material and place material in a sealed bag or container for disposal. Wash spill area after pickup is complete.

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## **SECTION 7 : HANDLING AND STORAGE**

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### **Precautions for safe handling**

Keep away from heat. Keep away from sources of ignition, No smoking, avoid contact with skin and eyes. Do not breathe dust, Keep away from incompatibles such as oxidizing materials, metals, acids.

### **Storage**

Store in a segregated and approved area. Keep in cool and ventilated area from combustible materials. Keep container tightly closed and dry. Avoid all possible sources of ignition (spark or flame).



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## **SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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### **Appropriate engineering controls**

Use sufficient exhaust ventilation to remove all combustion fumes. Eyewash station helpful but not required. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### **Personal protection equipment**

Use ventilation to keep airborne concentrations below exposure limits. Have approved eyewash facility, safety shower, and fire extinguishers readily available. Wear chemical splash goggles and chemical resistant clothing such as gloves and aprons.

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## **SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State	:	Cube
Appearance	:	Charcoal
Color	:	Black
Odor	:	None
Ignition Point	:	Combustible
Flash point	:	Not Available
Boiling point	:	Not Available
Melting point	:	> 3500 °C
Evaporation rate	:	Not Available
pH	:	Not Available
Vapor density	:	Not Available
Specific gravity	:	1.3 (Approximately)
Solubility (water)	:	Insoluble
Vapor pressure	:	Not Available
Upper explosion limit	:	Not Available
Lower explosion limit	:	Not Available
Auto ignition temperature	:	(310 – 400) °C
Decomposition temperature	:	Not Available
Viscosity	:	Not Available
Partition coefficient	:	Not Available

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## **SECTION 10 : STABILITY AND REACTIVITY**

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Reactivity	:	No data available
Chemical stability	:	Stable under normal conditions of use.
Possibility of hazardous reactions	:	No data available
Conditions to avoid	:	Avoid heat and ignition sources.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	Incomplete combustion may form carbon monoxide. Do not use for indoor heating or cooking unless ventilation fumes to outside. Toxic fumes may accumulate and cause death.





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## **SECTION 11 : TOXICOLOGICAL INFORMATION**

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### **Information on toxicological effects**

Acute toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/irritation	: No data available
Respiratory or skin sensitization	: No data available
Germ cell mutagenicity	: No data available
Carcinogenicity	: The International Agency for Research on Cancer (IARC), the National no data available Toxicology Program (NTP), and OSHA do not list steel products as carcinogens.
Reproductive toxicity	: No data available
STOT-single exposure	: No data available
STOT-repeated exposure	: No data available
Aspiration hazard	: No data available

### **Potential health effects**

Skin	: May cause mild skin irritation. Low hazard for usual industrial handling.
Eyes	: Dust may cause mechanical irritation.
Inhalation	: Excessive inhalation may cause minor respiratory irritation.
Ingestion	: A low hazard for usual industrial handling Chronic Potential
Health Effects	: No information.

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## **SECTION 12 : ECOLOGICAL INFORMATION**

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Ecotoxicity	: No Acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.
Persistence and degradability	: No data available
Bioaccumulative potential	: Does not significantly accumulate in organisms.
Mobility in soil	: No data available

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## **SECTION 12 : DISPOSAL CONSIDERATIONS**

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Disposal Methods	: Reclaim, if possible; otherwise dispose of in accordance with all applicable federal, state, and local regulations.
Contaminated Packaging	: Dispose of in accordance with all applicable federal, state, and local regulations.



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## **SECTION 14 : TRANSPORT INFORMATION**

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<b>UN Number / Imo class</b>	Not subject to transport regulations
<b>UN Proper shipping name</b>	Not relevant
<b>Transport hazard class (es)</b>	Not relevant since Self Heating Test showed that the related sample shell not be classified in Self-heating Substance of Class 4.2 of IMDG Code
<b>Packing group</b>	Not relevant since Self Heating Test showed that the related sample shell not be classified in Self-heating Substance of Class 4.2 of IMDG Code
<b>Special Precautions for User</b>	None (none environmental hazardous acc to the dangerous goods regulations)
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	The cargo is not intended to be carried in bulk
<b>Information for each UN Model Regulations</b>	
<b>Transport of dangerous goods by road, rail and inland waterways (ADR, RID, ADN)</b>	Not subjected to ADR, RID and ADN
<b>IMDG</b>	<b>Not subjected to IMDG</b> since Self Heating Test showed that the related sample shell not be classified in Self-heating Substance of Class 4.2 of IMDG Code
<b>IATA</b>	No limitation for air transport.

## **SECTION 15 : REGULATORY INFORMATION**

Regulatory information : This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment : No data available

Inventory status : No data available

## **SECTION 16 : OTHER INFORMATION**

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