



## MATERIAL SAFETY DATA SHEET



### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company Name	PT Coco Total Karbon Indonesia
Address	Jl. Mayor Unus km 1.5, Soroyudan, Magelang 56172 Indonesia
Phone Number	+62 877 868 031 91
Product	Coconut shell charcoal briquette
Name use on Product Labels	None
Product Purpose	Liquid and Vapor Applications, boiling and cooking

### 2. COMPOSITIONS/INFORMATION

<b>Composition:</b>	Coconut Charcoal 99%
<b>CAS No.:</b>	7440-44-0
<b>EC Number:</b>	231-153-3

### 3. HAZARD IDENTIFICATION

**Appearance:** Black

Wet coconut charcoal can deplete oxygen from the air in enclosed spaces, and may result in a dangerously low level of oxygen when the worker enters a vessel containing Coconut Charcoal. The worker should take appropriate precautions when dealing with Coconut Charcoal.

### 4. POTENTIAL HEALTH EFFECT

Eyes	May cause mechanical irritation, tearing, blurred vision, photophobia, chemical conjunctivitis, and corneal damage.
Skin	May cause skin irritation
Inhalation	May cause lung damage, pulmonary edema. Inhalation of dust may cause irritation



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	of the upper respiratory tract, gastrointestinal disturbances, albuminoidal.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if any discomfort continues.

## 5. FIRE FIGHTING MEASURE

**Extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Not relevant

## 6. ACCIDENTAL RELEASE MEASURE

Wear a respirator, rubber gloves, and rubber boots. Sweep up the floor, place the material in plastic big. And hold for water disposal.

## 7. HANDLING AND STORAGE

**Storage temperature:** Ambient

**Storage pressure:** Atmospheric Handling

Follow good handling and housekeeping procedures to minimize spills. Keep in a tightly closed container, store in a cool, dry, ventilated area. Protects against physical damage. Keep away from strong oxidizers such as ozone, liquid oxygen, chlorine, permanganate, etc. Give adequate exhaust ventilation to keep the dust stay away from workers breathing zones. Prevent or minimize exposures to dust by using appropriate personal protective equipment.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

EYES PROTECTION	Wear appropriate protective eyeglasses or chemical safety goggles as described by ASHA's eye and face protection regulations in 29 CFR 1910.133 or Euro pen Standard EN 166
SKIN PROTECTION	Wear appropriate protective clothing, Wash contaminated clothing and clean protective equipment before reuse. Wash skin thoroughly after handling
RESPIRATORY PROTECTION	Keep dust exposure to a minimum level with engineering and administrative control. If it is necessary you can use appropriate NIOSH/MSHA or the manufacturer



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Black
Odor	Odorless
Autoignition Temperature	452°C (=845.60°F)
Solubility	Insoluble in water
Boiling Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A

## 10. STABILITY AND REACTIVITY

STABILITY	This product is stable under a specified condition of storage. Shipping and using.
INCOMPATIBILITY	Contact with a strong oxidizer such as ozone, liquid oxygen, chlorine, permanganate, etc may result in rapid combustion. Avoid contact with strong acids.
HAZARDOUS DECOMPOSITION PRODUCT	Oxides of Carbon
HAZARDOUS POLYMERIZATION	N/A

## 11. TOXICOLOGICAL INFORMATION

Harmful if inhaled, may be harmful if swallowed, may be harmful if absorbed through the skin. Can cause eye and skin irritation, it is nontoxic in its original state

## 12. ECOLOGICAL INFORMATION

It is not harmful to the environment in its original state

## 13. DISPOSAL CONSIDERATIONS



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Coconut charcoal, in its original state, is not hazardous material or hazardous waste. Coconut Charcoal may become classified as a hazardous waste depending upon the application. Bury in a landfill site or follow the governmental and local environment for the disposal of chemicals and hazardous waste.

#### 14. TRANSPORT INFORMATION

**Proper shipping name:** Not regulated

This product has been tested according to the United Transport of Dangerous Goods test protocol for spontaneously combustible material. It has been determined that this product does not meet the definitions of self-heating substance or any hazardous material and therefore is not regulated.

#### 15. REGULATORY INFORMATION

TSCA	The ingredients of this product are on the TSCA inventory list
OSHA	Non-hazardous according to the definitions offbeat hazard and physical hazard provide in the hazard communication standard. (29 CFR 1910.2000)

#### 16. OTHER INFORMATION

Coconut charcoal can be stored safely in any normal storage area, put away from direct heat.

#### Disclaimer

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