

MATERIAL SAFETY DATA SHEET (MSDS)

PART 1: PRODUCT NAME AND COMPANY IDENTIFICATION

PRODUCT NAME : Coconut Husks Charcoal
MSDS NUMBER : E001-21
COMPANY : ESTHER CORNELY YONGOLE
ADDRESS : P. O. Bo 19199
Dar es Salaam, Tanzania
MOBILE : +255 759 041 466
E-MAIL : esthercornely@gmail.com

PART 2: HAZARD IDENTIFICATION AND FIRST AID MEASURES

GHS LABEL WARNING : None
EMERGENCY OVERVIEW : Contact with dust will irritate the eyes and the respiratory tract. Avoid strong oxidizing agents.
PHYSICAL HAZARDS : None
HEALTH HAZARDS : H320 Causes eye irritation
ENVIRONMENTAL HAZARD : None
GENERAL USE : P103 Read label before use
PREVENTATIVE : P271 Use only outdoors
RESPONSE : None
STORAGE : P402 Store in dry place

PART 3: CHEMICAL COMPOSITION

N/A

PART 4: FIRST AID MEASURES

INHALATION	: Move to an area free from risk of further exposure, intentional sneezing or coughing can provide comfort. No adverse effects anticipated by this route of exposure incidental to proper handling.
EYE CONTACT	: Flush with clean, lukewarm water raising upper and lower eyelids at low pressure for 15 minutes. Seek medical attention if no relief.
SKIN CONTACT	: Wash affected areas with soap and water.
INGESTION	: If eaten and victim complains of discomfort, induce vomiting. Lower the head when person is vomiting to minimize entry into throat and lungs.

PART 5: FIRE FIGHTING MEASURES

FLASHING POINT	: N/A
AUTOIGNITION TEMPERATURE	: N/A
FLAMABILITY LIMITS (vol/vol%)	: Lower: ND Upper: ND
EXTINGUISHING METHOD	: Use dry chemicals, carbon dioxide and foam.
FIRE OR EXPLOSION HAZARDS	: This material under complete combustion will form oxides of carbon.
SPECIAL FIREFIGHTING	: Keep upwind of fire. Full emergency
PROCEDURES	: Equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

PART 6: ACCIDENTIAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES	: Wear PPE. Avoid breathing potential dust from breakage and place the collected material in a closed container. Finish cleaning the area with small amounts of soap and water on the spill area.
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PART 7: HANDLING AND STORAGE

STORAGE TEMPERATURE	: Store in a dry and cool room temperature.
SPECIAL SENSITIVITY	: Avoid agitation of container for potential breakage. Use outdoors with good ventilation.
HANDLING AND STORAGE	: Avoid breathing the potential dust.
PRECAUTIONS	: Avoid eye contact with dust. Keep in cool dry area. Provide a cool well-ventilated area. Use normal safety procedures and good personal hygiene.

PART 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS	: Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS.
RESPIRATORY PROTECTION	: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or EN approved respirator when necessary.
EYE / FACE PROTECTION	: Wear appropriate safety glasses with side shields as described by OSHA's eye and face protection regulations in 29CFR 1910.133 or European Standard EN166.
SKIN PROTECTION	: No special equipment required.

PART 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL APPEARANCE	: Black, pieces
ODOR	: None
pH	: N/A
SPECIFIC GRAVITY	: N/A
WATER SOLUBILITY	: Insoluble
MELTING POINT RANGE	: N/A

FREEZING POINT RANGE	: N/A
BOILING POINT RANGE	: N/A
VAPOR PRESSURE	: N/A
VAPOR DENSITY	: N/A
PERCENT VOLATILES BY VOLUME	: ND
VISCOSITY	: ND

PART 10: STABILITY AND REACTIVITY

STABILITY	: This product is stable material under normal conditions of storage and handling.
HAZARDOUS POLYMERIZATION	: Will not occur.
INCOMPATIBLES	: Avoid contact with strong oxidizing agents and nitric acid.
DECOMPOSITION PRODUCTS	: Product will burn and the products of complete combustion are oxides of carbon.

PART 11: TOXICOLOGICAL INFORMATION

ACUTE EYE	: Dust generated from this product may irritate the eyes.
ACUTE SKIN	: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).
ACUTE INHALATION	: Dusts may cause upper respiratory irritation including coughing and shortness of breath.
ACUTE INGESTION	: Not expected to be a likely route of exposure during normal industrial use.
CHRONIC EFFECTS	: No long-term effects are expected from the product as it is received.

PART 12: ECOLOGICAL INFORMATION

FISH TOXICITY : None.

ENVIRONMENTAL EFFECTS : None expected.

CHEMICAL FATE INFORMATION : ND

PART 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD : This material is a solid with potential dust from breakage, wear dust mask or dust respirator and remove the solid material. Dispose according to the regulations of local, state and Federal regulatory agencies.

PART 14: TRANSPORTATION INFORMATION

PROPER SHIPPING : Not Regulated

HAZARD CLASS : Not Regulated

ID NUMBER : Not Regulated

PACKAGING GROUP : Not Regulated

LABEL STATEMENT : Not Regulated

PART 15: REGULATORY INFORMATION

OSHA STATUS : This product is not hazardous under the OSHA criteria.

PART 16: OTHER INFORMATION

Fire Protection Hazard Ratings:

HEALTH : 1

FLAMMABILITY : 1

REACTIVITY : 0

Hazardous Materials Identification Ratings:

HEALTH : 1

FLAMMABILITY : 1

REACTIVITY : 0

PPE : E

Key Legend Information:

N/A : Not Applicable

ND : Not Determined

OSHA : Occupational Safety and Health Administration

RATING SYSTEMS

	0	1	2	3	4
HEALTH	No Hazard	Slight Hazard	Dangerous	Extreme Danger	Deadly
FIRE	Will not burn	>200°C	<200°C	<100°C	<73°C
REACTIVITY/INSTABILITY	Stable	Normally Stable	Unstable	Explosive	May Detonate

The information contained herein is based on the data available to us and as per Tanzania Industrial Research and Development Organization (TIRDO) is believed to be correct.

However, ESTHER CORNEL YONGOLE makes no warranty expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

We accompany this MSDS with report analysis from (TIRDO) report number IRD/CT/21/54 dated 31/08/2021.