MaterialSafetyDataSheet(MSDS)

1–Product	COCONUT SHELL CHARCOAL BRIQUETTES	
ChemicalName: COCONUT	CAS#:**1333-86-4**	ChemicalFormula:**C**

Synonymous:	CompanyID:	Phone&otherinformation
COCONUTSHELLCHARCOALBRIQUETTES, COMPACTED CHARCOAL; COMPRESSEDCHARCOAL, CHARBRIQUETTES. CHARCOALFORGRILL, SMOKE, COOK, BAKE, ROAST AND BARBECUE.	UNIVERSAL FLAREON INDUSTRIES, 3/147,MUTHANDIPALAYAM K.IYYAMPALAYAM P.O, PALLADAM TK TIRUPUR DT, TAMILNADU INDIA	Phone: +91 944 2284255 Email : sathiya@universalcarbons.in

2 -Composition, Information on Ingredients

CHEMICAL NAME	CAS NUMBER	EINECS#	%
charcoal Powder	16291-96-6	240-383-3	95%

3 -Hazards Identification

Emergency overview: Highly flammable.

POTENTIAL HEALTHE FFECTS

Eye: Causes eye irritation. May cause conjunctivitis. Skin: May cause skin irritation.

Ingestion: Ingestion of large amounts may cause gastrointestinal irritation Inhalation: Dust is irritating to the respiratory tract. May cause lung damage. Chronic: Chronic inhalation may lead to decreased pulmonary function.

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4 -First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing gives artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

5 -Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Use water spray to keep fire-exposed containers cool. Dust can be an explosion hazard when exposed to heat or flame. Flammable solid. Can be easily ignited and burns vigorously. Containers may explode if exposed to fire.

Extinguishing Media: For large fires, use water spray, fog or alcohol-resistant foam. For small fires, use dry chemical, carbon dioxide, sand, earth, water spray or regular foam. Cool containers with flooding quantities of water until well after fire is out.

6 -Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in

Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation.



7 -Handling and Storage

Handling: Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Storage: Keep away from heat, sparks, and flame.

Keep away from sources of ignition. Store in a cool, dry place.Store in a tightly closed container. Keep from contact with oxidizing materials. Flammables-area.

8 -Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits: CAS# 7440-44-0:

PERSONAL PROTECTIVE EQUIPMENT

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin. Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN

149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.



9 -Physical and Chemical Properties

Physical form: Solid hexagonal shapes 5x8 cm

Color: Black

Odor : Varies from odorless to slight

Auto ignition Temperature: Not available

Boiling point: 4500ºC (8132ºF)

Melting/Freezing point: Not available

Decomposition Temperature: Not available

Solubility in water: Insoluble

Specific Gravity/Density: Not available

Bulk Gravity/Density: Not available

Fixed Carbon: 68.1 %

Volatile Matter: 20.2 %

Ash: 15.7 %

Moisture: 5.4 %

Heating value: 6,030 kcal/kg

10- Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures. Conditions to Avoid: Ignition sources, dust generation, moisture, and excess heat.

Incompatibilities with: Not available

Hazardous Decomposition: Carbon monoxide & Carbon dioxide. Hazardous Polymerization: Has not been reported.

11 -Toxicological Information

RTECS#: CAS# 7440-44-0: FF5250100



LD50/LC50: Not available

Carcinogenicity: Carbon -Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

12 -Ecological Information

Mobility: This material is a solid.

Degradability: This product is partially biodegradable.

Accumulation: Bioaccumulation of this product has not been determined

13 -Disposal Considerations

Products considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations, which may vary according to location. Contact a specialist disposal company or the local authority or advice. Empty containers must be decontaminated before returning for recycling.

14 -Transport Information

DOT: Not restricted per 49 CFR 172.101(c)(12)(iv)

IMO: Carbon, not activated. Not restricted. Passes self-heating carbon test. IATA: Carbon, not activated. Not restricted. Passes self-heating carbon test.

EPA -SARA Title III/CERCLA: Packaged product is not reportable under sections

311/312. This product contains no chemicals regulated under section 313 or under Section 304/CERCLA.

UN # 1362, Hazard Class 4.2

Packing group - III

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15 -Regulatory Information

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard

Communication Standard 29 CFR 1910.1200.

TSCA Chemical Inventory: This compound is on the EPA Toxic Substance Control Act

(TSCA) inventory list.

California Proposition 65: To the best of our knowledge, this product contains no levels of listed substances, which the state of California has found to cause cancer, birth defects or other reproductive effects.

SARA 313 Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

16 -Other Information

Employee Training: Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

Notice: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

