



CV. Zenvid Multi Collab

Premium Coconut Shell Charcoal Manufacturer & Exporter

Address : Perum. Griya Citra Asri Block RM 12A No.16, Sememi, Benowo, Surabaya,
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Email : zmcsb@gmail.com
Web : www.zmcharcoal.com



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MATERIAL SAFETY DATA SHEET

SECTION 1-IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND IDENTIFICATION OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier** : Coconut Shell Charcoal Briquette
Identification of the substance
- CAS Number** : 68647-86-9
- 1.2 Relevant identified uses of the substance or mixture and uses advised against** : Shisha and Barbeque
- 1.3 Details of the supplier of the safety data sheet** : **CV. Zenvid Multi Collab**
Perum. Griya Citra Asri Block RM 12A No. 16,
Sememi, Benowo, Surabaya, East Java 60218,
Indonesia
- 1.4 Emergency telephone number** : 1. Nama : Jen Vany Handreas Elmando
Contact Person: +62 822 8686 1133
Email: jenvh17@gmail.com
2. Nama : Ibadurrohman Hafidh Miftahul Huda
Contact Person: +62 838 3048 9768
Email: ibdhafidh@gmail.com

SECTION 2 - HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture** : Classification of Dangerous Goods according to IMDG Code 42-24. This substance meets the criteria for Class 4.2, Packing Group III.
- 2.2 Label elements** : This product does not meet the criteria for classification as acute toxicity, skin corrosion/irritation, serious eye damage, respiratory sensitization, carcinogenicity, mutagenicity, reproductive toxicity, or aquatic toxicity (acute or chronic) according to GHS / CLP





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2.3 Other hazards : There is no additional information.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Single Substance

Substance	CAS No	Concentration
Coconut Shell Charcoal Briquette	68647-86-9	100 %

3.2 Component	Wet Basic	Dry Basic
Moisture in the Analysis Sample (weight %)	5.07	-
Ash Content (weight %)	2.60	2.80
Volatile Matter (weight %)	18.37	19.42
Fixed Carbon (weight %)	73.96	77.78

**All components are analytical parameters of the product and are not separate chemical substances. Therefore, CAS numbers are not applicable. **

SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

- General notes : Take off contaminated clothing.
- Following inhalation : Provide fresh air. In all cases of doubt or when symptoms persist, seek medical advice.
- Following skin contact : Wash your skin with water. In all cases of doubt or when symptoms persist, seek medical advice.
- Following eye contact : Rinse cautiously with water for several minutes. In all cases of doubt or when symptoms persist, seek medical advice.
- Following ingestion : Rinse mouth. Seek medical advice if unwell.





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4.2 Most Important Symptoms and Effects : None

4.3 Indication of any immediate medical attention and special treatment needed : None

SECTION 5 – FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Coordinate fire-fighting measures to the fire surroundings: water spray, foam, dry extinguishing powder, carbon dioxide (CO₂)

Unsuitable extinguishing media : Water jet

5.2 Special hazards arising from the substance or mixture : Risk of dust explosion and re-ignition due to internal smoldering.

Hazardous combustion products : In case of fire, they may be liberated: carbon monoxide (CO) and carbon dioxide (CO₂).

5.3 Advice for firefighters : Fight fire with normal precautions from a reasonable distance. Wear a self-contained breathing apparatus.

SECTION 6– ACCIDENTAL RELEASE MEASURE

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

6.1.1 Personal Precautions : Avoid dust formation and ignition sources. Ensure adequate ventilation. Use personal protective equipment as required.

6.1.2 Protective Equipment : Refer to the protective measures listed in Section 8.





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6.1.3 Emergency Procedures : Wear appropriate personal protective equipment and clothing to prevent exposure.

Extinguish or remove all sources of ignition and stop the leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. Use clean, non-sparking tools to collect the material and place it in suitable, labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs, inform the regional water and waste management authorities in accordance with local regulations.

6.2 Environmental Precautions

6.2.1 Environmental Precautions : Prevent entry into waterways.

6.3 Methods and Materials for Containment and Cleaning Up

6.3.1 Methods for Containment : Use appropriate tools to put out the spilled solid in a convenient waste disposal container.

6.3.2 Methods for Cleaning Up : Remove heat and ignition sources. Vacuum sweep, if possible, to avoid generating airborne dust. Wash residual to the on-site treatment area, where appropriate. If the treatment area is unavailable, wash down to the sanitary sewer. Contact the sanitary treatment facility in advance to ensure the ability to process washed-down material

6.4 Reference To Other Section

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7- HANDLING AND STORAGE

7.1 Precautions for safe handling

7.1.1 Handling : Handle with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing.





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7.2 Conditions for Safe Storage, including any Incompatibilities

7.2.1 Storage : The Coconut Shell Charcoal Briquette should be stored in well-ventilated areas, with air able to circulate between the stored materials. The product should be stored in a dry area away from open flames, heat sources, and other ignition sources.

7.2.2 Incompatible product : Strong oxidizer

7.3 Specific end use(s): : Shisha and Barbeque

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameter

National limit values

Occupational exposure limit values (Workplace Exposure Limits) are not relevant.

8.2 Exposure controls

Individual protection measures (personal protective equipment)



- Eye/face protection : Use safety goggles with side protection.
- Hand Protection : Wear protective gloves. Chemical protection gloves are suitable if tested according to EN 374.
- Type of Material : NBR (Nitrile rubber).
- Material Thickness : >0.11 mm.
- Breakthrough times of the glove material : >480 minutes (permeation: level 6)
- Other protection measures : Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.





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- Respiratory protection : Respiratory protection is necessary when dust is formed. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, color code: White).

SECTION 9- PHYSICAL DATA AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	: Solid
Appearance	: Charcoal
Color	: Black
Odor	: Odorless
Ignition Point	: Combustible
Flash point	: Not available
Boiling point	: Not available
Melting point	: 398°C
Evaporation rate	: Not available
pH	: 7
Vapor density	: Not available
Specific gravity	: 1.3 (Approximately)
Solubility (water)	: Insoluble in water
Vapor pressure	: < 0.1 mm Hg
Upper explosion limit	: Not available
Lower explosion limit	: Not available
Auto ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity	: Not available
Partition coefficient	: Not available





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SECTION 10- STABILITY AND REACTIVITY DATA

- 10.1 Reactivity** : The product in the delivered form is not dust explosion-capable; the enrichment of fine dust, however, leads to the danger of dust explosion.
- 10.2 Chemical stability** : The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- 10.3 Possibility of hazardous reactions** : Danger of explosion: Oxidisers, Peroxides.
- 10.4 Incompatible materials** : There is no additional information. Contact with oxidizing agents (e.g., ozone, chlorine, liquid oxygen), acids, and metals may cause a fire.
- 10.5 Hazardous decomposition products** : Hazardous combustion products: see section 5.

SECTION 11 - TOXICOLOGICAL PROPERTIES

11.1 Information on likely routes of exposure

- Inhalation : Inhalation may irritate the respiratory tract.
- Eye contact : Dust may cause temporary eye irritation.
- Skin Contact : Minor or no effects expected
- Ingestion : Minor or no effects expected
- Symptoms : May cause tearing of the eyes. Inhalation of dust may irritate the respiratory tract.
- Sensitization : Not expected
- Carcinogenicity : N/A
- Mutagenic Effects : N/A
- Reproductive toxicity : N/A





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SECTION 12 – ECOLOGICAL INFORMATION

- 12.1 Toxicity** : According to 1272/2008/EC: it shall not be classified as hazardous to the aquatic environment.
- 12.2 Process of degradability** : The methods for determining the biological degradability do not apply to inorganic substances.
- 12.3 Bio accumulative potential** : Does not significantly accumulate in organisms.
- 12.4 Mobility in soil** : Data are not available.

SECTION 13 – DISPOSAL CONSIDERATION

13.1 Waste treatment methods

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

SECTION 14 – TRANSPORT INFORMATION

- 14.1 UN number** : 1361
- 14.2 UN proper shipping name** : CARBON, animal or vegetable origin
- 14.3 Technical name** : Coconut Shell Charcoal Briquette
- 14.4 Transport hazard class(es)** : Class 4.2 of IMDG Code
- 14.5 Packing group** : III
- 14.6 EmS** : F-A, S-J





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14.7 Special precautions for the user : None (non-environmentally hazardous, acc. to the dangerous goods regulations)

14.8 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : There is no additional information.

14.9 Information for each of the UN Model Regulations : The cargo is not intended to be carried in bulk.

- Transport of dangerous goods by road, rail, and inland waterway (ADR/RID/ADN) : Subject to ADR, RID, and ADN.
- International Maritime Dangerous Goods Code (IMDG) : Class 4.2 of IMDG Code

14.10 Transport by Airlines IATA : Subject to IATA DGR

SECTION 15 – REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific to the substance or mixture

Relevant provisions of the European Union (EU) 14.2 UN proper shipping name

15.1.1 Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC) : Not listed

15.1.2 Regulation 1005/2009/EC On substances that deplete the ozone layer (ODS) : Not listed

: Not listed





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- 15.1.3 Regulation 850/2004/EC on persistent organic pollutants(POP) : Not listed
- 15.1.4 Restrictions according to REACH, Annex XVII : Not listed
- 15.1.5 Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II : Substance is listed in the following national inventories:
- 15.1.6 Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR) :
- EINECS/ELINCS/NLP (Europe)
- REACH (Europe)

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.





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SECTION 16 – OTHER INFORMATION

16.1 Additional Information

Always wash your hands with soap and water before smoking, eating, or drinking. Showering at the end of the working day is recommended. Launder contaminated clothing before reuse. Encourage no eating, drinking, or smoking when handling this material.

- Respirators : In general, the use of respirators should be limited, and engineering controls should be employed to avoid exposure. If respiratory equipment must be worn, ensure the correct respirator is selected and that training is undertaken.
- Exposure Standards – Time Weighted Averages : Exposure standards are established on the premise of an 8-hour work period at normal intensity, under normal climatic conditions, with a 16-hour break between shifts to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high-altitude conditions; and extended shifts (which increase the exposure period and shorten the recuperation period).
- Personal Protective Equipment Guidelines : The recommendations for protective equipment in this MSDS are provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration, and the availability of engineering controls should be considered before final selection of personal protective equipment.
- Health Effects From Exposure : It should be noted that the effects of exposure to this product will depend on several factors, including the frequency and duration of use, the quantity used, the effectiveness of control measures, the protective equipment used, and the method of application. Given that it is impractical to prepare an MSDS report that would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate





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Report Status

This document has been compiled by Carsurin on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS').

It is based on information concerning the product that has been provided to Carsurin by the manufacturer or obtained from third-party sources and is believed to represent the current state of knowledge regarding the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While Carsurin has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Carsurin accepts no liability for any loss, injury, or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

Jakarta, June 08th, 2026

Prepared by,

CARSURIN
1968

Ahmad Didi Ahmadi

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