

FSS Bamboo Charcoal Powder

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Date: 06/09/2026

Version: 1

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SECTION 1. IDENTIFICATION

Product Name/Identifier	FSS Bamboo Charcoal Powder
Product Code	FSSB10101
Recommended Use	Ingredients/Raw materials used in the manufacturing of Cosmetic Products'
Restrictions on Use	None
Supplier Site	Formulator Sample Shop, LLC
Address	125 Technology Drive Lincolnton, NC 28092, USA
Telephone No. (24hrs)	1-704-276-7540
Emergency Telephone #	1-704-276-7540 (Mon-Fri: 8:00AM – 5:00PM EST)

SECTION 2. HAZARD(S) IDENTIFICATION

Classification:

GHS / CLP

Basis for Classification: Based on present data no classification and labeling is required according to GHS, taking into account the national implementation (United Nations version 2011)

USA

OSHA Regulatory Status: GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Respiratory Irritation Category 3, Eye Irritation Category 2A

Labeling Elements:



Pictograph:

Hazard statements/Signal Word: Warning; Dust may cause mechanical irritation to eyes, skin and respiratory tract

Precautionary statements: Avoid breathing dust. Avoid generating airborne dust. Use adequate ventilation. Keep away from ignition sources, sparks, open flames, and hot surfaces. Wear appropriate eye protection and dust mask/respirator when handling powder.

Other hazards which do not result in classification:

Dust. Powdered carbonaceous materials can smolder or burn if exposed to sufficient heat or ignition. Accumulated dust may create slip hazards and may contribute to explosion risk in confined areas.

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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**Common Chemical Name:** Charcoal Powder**Generic name:****Chemical Family:** Powder**Description:** Powder

<u>Substance</u>	<u>CAS Numbers</u>	<u>EC Numbers</u>	<u>Percentage</u>
Charcoal Powder	16291-96-6 (or) 7440-44-0	240-383-3 (or) 231-153-3	100.0%

Formula: Not applicable**SECTION 4. FIRST-AID MEASURES****General:** In all cases of doubt, or when symptoms persist, seek medical attention.**Inhalation:** Move to fresh air from exposure area. Get medical attention for any breathing difficulty.**Skin contact:** Rinse with soap and water. Get medical advice if irritation develops.**Eye contact:** Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.**Ingestion:** Rinse mouth. Do not induce vomiting unless directed by medical personnel. Consult with a physician.**Protection of first-aiders:** No special protection required.**SECTION 5. FIRE-FIGHTING MEASURES****Fire and explosion hazards:** Not considered to be a fire and explosion hazard**Extinguishing media:****Suitable:** Alcohol foam, CO₂, dry chemical, water. Use extinguishing media appropriate for surrounding fire.**Not suitable:** Avoid high-pressure water streams that may disperse dust clouds.

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Fire fighting: Fine carbon powder can burn or smolder and may form combustible dust-air mixtures if dispersed in air near ignition sources. Contact of carbon with strong oxidizers, such as ozone or liquid oxygen, may cause rapid combustion.

Protection for fire-fighters: Self-contained breathing apparatus and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid breathing dust. Avoid contact with eyes. Eliminate ignition sources.

Personal Protective Equipment:

- Protective goggles
- Self-contained breathing apparatus

Environmental precautions: Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system

Methods for cleaning up:

Recovery: Avoid dry sweeping that generates dust. Use HEPA vacuum, wet methods, or other dust-minimizing collection methods. Place collected material in suitable labeled containers.

Cleaning/Decontamination: Wash non-recoverable remainder with water.

Disposal: For disposal of residues refer to sections 8 & 13.

SECTION 7. HANDLING AND STORAGE

Handling

Technical measures: Use with appropriate PPE and adequate ventilation. Avoid generating dust. Keep containers closed when not in use. Ground/bond equipment during transfer where dust generation may occur. Keep away from sparks, flames, and hot surfaces. Wash hands after handling.

Storage

Technical measures: Store in a cool, dry, well-ventilated area. Keep containers tightly closed. Protect from moisture, strong oxidizers, and ignition sources.

Incompatible products: Avoid contact with strong oxidizers and strong acids. Refer to the detailed list of incompatible materials (Section 10 Stability/Reactivity)

Packaging: Use clean, dry packaging suitable for fine powders. Avoid contamination with foreign materials.

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary statements: Ensure adequate ventilation

Control parameters

Occupational exposure Limits:

France:	Not Determined
ACGIH:	Not Determined
Korea:	Not Determined
UK:	Not Determined

Surveillance procedures:	Not Determined
Engineering measures:	Not Determined

Personal Protective Equipment:

Respiratory protection:	Respirator, Local exhaust
Hand protection:	Protective gloves made of rubber or neoprene.
Eye protection:	Dust tight goggles.
Collective emergency equipment:	Eye fountain.
Skin and Body Protection:	Suitable protective clothing
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

Measures related to the Environment: No particular measures.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine powder
Color:	Black to dark gray

Odor:	Characteristic
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pH:	8 – 10
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Moisture (%):	≤ 5.0
Carbon (%):	≥ 90.0
Ash (%):	≤ 3.0

Vapor density:	Not applicable
Boiling Point:	Not determined
Freezing Point:	Not determined
Melting point:	Not applicable

Flash point:	Not applicable as solid; dust may be combustible
Oxidizing properties:	Non oxidizing material according to EC criteria.

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Solubility:

In water:	Insoluble
In organic solvents:	Not determined
Log P:	Not determined

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life

Hazardous reactions: None known

Conditions to avoid: Dust generation, ignition sources, heat, open flame, moisture contamination, and incompatible materials.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, smoke, and irritating fumes during combustion.

SECTION 11. TOXICOLOGICAL INFORMATION

Ingestion: Not Determined

Dermal: Not Determined

Ocular: Not Determined

Inhalation: Not Determined

Acute toxicity data: Not Determined

Sensitization: Non-Primary Sensitizers

Repeated dose toxicity: No known effects

Subacute to chronic toxicity: Not Determined

Additional Toxicological Information: This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Specific effects:

Carcinogenicity: No known effects

Mutagenicity: No known effects

Reproductive toxicity: No known effects

Neuro-toxicity: No known effects

For more information: Does not present any particular risk on handling under normal conditions of good occupational hygiene practice.

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This product has not been tested for the following:

- Primary cutaneous and corrosive irritation
 - Acute oral toxicity
 - Mutagenicity/genotoxicity
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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Effects on the aquatic environment: Not Determined

Biodegradability:

Persistence: Not Determined

Bioaccumulation:

Octanol / water partition coefficient: Not Determined

Mobility:

Precipitation:

Expected behavior of the product: Ultimate destination of the product: Soil & sediment.

Other Adverse Effects:

None known

SECTION 13. DISPOSAL CONSIDERATIONS

Residues from product

Prohibition: Do not allow the product to be released into the Environment.
Destruction/Disposal: Dispose of in accordance with relevant local regulations

Contaminated packaging

Decontamination/cleaning: Cleaning is not required prior to disposal.
Destruction/Disposal:

Note: Take all necessary precautions when disposing of this product according to local regulations.

SECTION 14. TRANSPORT INFORMATION

Transport Hazard Class:

Under the UN classification for all charcoal carbons have been identified as a class 4.2 product. However, this product has been tested according to the United Nations Transport of Dangerous Goods test protocol for a "self-heating substance" and it has been determined that this product does not meet the definition of a self-heating substance, or any other hazard class, and therefore should not be listed as a hazardous material. This information is applicable only for the charcoal carbon product identified in this document.

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Land (rail/road): Material is not restrictive for land transport and is not regulated by ADR/RID
 Sea: Material is not restrictive for sea transport and is not regulated by IMO/IMDG
 Air: Material is not restrictive for air transport and is not regulated by ICAO/IATA

Marine Pollutant: No

Transport/Additional Information: Not regulated for US DOT Transport in non-bulk containers
 This material is not dangerous or hazardous

Special Precautions for User: Protect from moisture and physical damage. Prevent dust release.

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the MSDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.

SECTION 15. REGULATORY INFORMATION

Labeling:
 EC regulations: This product does not need to be labeled in accordance with EC Directives or respective national laws

Further regulations

United Kingdom: Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental Hygiene Guidance: EH40
 Workplace Exposure Limits (revised annually)

Korea regulations: Industrial safety and hygiene regulation: No
 Hazardous material control regulation: No
 Fire prevention regulation: No

Other regulations:

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the products described in this sheet. The user's attention is drawn to the possible existence of additional provision which complete these regulations. Please refer to all applicable international, national and local regulations and provisions

SECTION 16. OTHER INFORMATION

Prohibited uses: For specific uses, food industry, ask the manufacturer for more information.

Last Revision Date: N/A

Preparation Date: 06.09.2026

MSDS summary of changes: No deletion, addition or revision to date

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The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.

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