SAFETY DATA SHEET

Document No. : JFN-SDS-CC-001
Revision No. 00
Issue Date : 06 October 2026

According to Regulation (EC) No 1907/2006

1. IDENTIFICATION

1.1 Product Identifier

Product Name : Cocopeat / Coir Pith

Alternative Names : Coir Pith, Coconut Coir Dust, Coconut Coir Peat

Product Type : Processed coconut coir pith

Physical Form : Loose material or compressed block/bale

Country of Origin : Indonesia

1.2 Recommended Use

The product is intended for agricultural and horticultural applications, including:

- Growing media
- Seed propagation
- Nursery applications
- Soil amendment
- Horticultural cultivation
- Moisture-retaining substrate

1.3 Supplier

PT JFN Agro Global
Indonesia

Website : jfn-agroglobal.com
Email : business@jfn-agroglobal.com
Telephone : +62-8964-3234-723

1.4 Emergency Contact

Emergency Telephone **:** +62-8788-8597-992

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2. HAZARD IDENTIFICATION

2.1 Classification

Cocopeat is a natural plant-derived material and is not expected to be classified as a hazardous substance or mixture under normal intended use.

Mechanical handling, cutting, screening, or processing of dry material may generate airborne organic dust.

2.2 Label Elements

GHS Classification **:** Not classified as hazardous under normal intended use.

Signal Word **:** None required.

Hazard Pictograms **:** None required.

2.3 Other Hazards

Airborne dust may cause temporary mechanical irritation to the eyes, skin, or respiratory tract.

Prolonged exposure to high concentrations of dust should be avoided.

Improper storage under excessive moisture may promote microbial growth and deterioration of product quality.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Cocopeat is a natural lignocellulosic material obtained from the processing of coconut husks.

The product primarily consists of processed coconut coir pith and naturally occurring plant-derived organic material.

No hazardous chemical additives are intentionally added unless otherwise specified in the product specification.

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4. FIRST-AID MEASURES

Inhalation

Move the affected person to fresh air. If respiratory irritation persists, seek medical attention.

Eye Contact

Rinse cautiously with clean water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Skin Contact

Wash affected area with soap and water. Seek medical attention if persistent irritation occurs.

Ingestion

Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical advice if discomfort occurs.

Most Important Symptoms

Possible temporary irritation of the eyes, skin, or respiratory tract due to dust exposure.

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5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing media appropriate for the surrounding fire, including:

- Water spray
- Water fog
- Foam
- Dry chemical
- Carbon dioxide

Specific Hazards

Cocopeat is an organic plant-derived material and may burn when exposed to sufficient heat or an ignition source.

Combustion may produce carbon monoxide, carbon dioxide, smoke, and other combustion products.

Protective Equipment for Firefighters

Use appropriate protective equipment and self-contained breathing apparatus where necessary.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid generating excessive dust. Ensure adequate ventilation during cleanup.

Environmental Precautions

Prevent uncontrolled release into drains or waterways where practical.

Cleanup Methods

Collect spilled material mechanically or using suitable vacuum equipment.

Avoid creating excessive airborne dust.

Recovered material may be reused where its quality and cleanliness remain suitable.

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7. HANDLING AND STORAGE

Handling

- Avoid unnecessary generation of dust.
- Provide adequate ventilation.
- Wash hands after handling.
- Avoid prolonged exposure to airborne dust.
- Keep dry material away from ignition sources.
- Protect compressed blocks or bales from physical damage.

Storage

Store in a :

- Dry area
- Clean area
- Well-ventilated environment
- Cool location

Protect from excessive moisture, contamination, direct sunlight, excessive heat, and ignition sources.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Provide adequate general ventilation or local exhaust ventilation where dust is generated.

Eye Protection

Safety glasses or protective eyewear where dust exposure is possible.

Hand Protection

Protective gloves may be used for prolonged handling.

Respiratory Protection

Where adequate ventilation cannot control airborne dust, an appropriate particulate respirator should be considered.

Skin Protection

Normal work clothing is generally sufficient for routine handling.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification / Information
Physical State	Solid
Appearance	Brown to dark brown pith/fibrous material
Odor	Characteristic natural plant odor
pH	5.8 – 6.5
Moisture Content	≤ 20%
EC – Low EC Grade	< 0.5 mS/cm
EC – High EC Grade	1.2 – 1.8 mS/cm
Solubility in Water	Insoluble / dispersible
Flammability	Combustible organic material
Flash Point	Not applicable
Vapor Pressure	Not applicable

Boiling Point	Not applicable
Melting Point	Not applicable

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10. STABILITY AND REACTIVITY

Reactivity: No hazardous reaction is expected under normal conditions.

Chemical Stability: Stable under recommended storage conditions.

Hazardous Reactions: No hazardous polymerization is expected.

Conditions to Avoid: Excessive heat, ignition sources, and prolonged exposure to excessive moisture.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, smoke, and other combustion products may be generated during combustion.

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11. TOXICOLOGICAL INFORMATION

Cocopeat is a natural plant-derived material and is not expected to present significant acute toxicity under normal intended use.

Acute Toxicity : No specific toxicological data available for the finished product.

Skin Irritation : May cause mechanical irritation in sensitive individuals.

Eye Irritation : Dust may cause temporary mechanical irritation.

Respiratory Irritation : Airborne dust may cause temporary respiratory irritation.

Sensitization : No specific data available for the finished product.

Carcinogenicity : No specific evidence indicating carcinogenicity of the product under normal intended use.

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12. ECOLOGICAL INFORMATION

Ecotoxicity

No specific ecotoxicity data are available for the finished product.

Persistence and Degradability

Cocopeat is an organic, plant-derived material and is expected to biodegrade over time under suitable environmental conditions.

Bioaccumulative Potential

Significant bioaccumulation is not expected.

Mobility in Soil

The product may remain as organic particulate matter in soil and gradually decompose.

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13. DISPOSAL CONSIDERATIONS

Dispose of unused or contaminated product in accordance with applicable local, regional, and national regulations.

Where appropriate, unused cocopeat may be reused, composted, or incorporated into agricultural applications.

Packaging should be disposed of or recycled in accordance with applicable local regulations.

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14. TRANSPORT INFORMATION

UN Number	**:** Not regulated as dangerous goods.
UN Proper Shipping Name	**:** Not applicable.
Transport Hazard Class	**:** Not applicable.
Packing Group	**:** Not applicable.
Environmental Hazards	**:** Not classified as an environmentally hazardous substance for transport purposes.
Special Precautions	**:** Protect product from excessive moisture, contamination, and physical damage during transportation.

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15. REGULATORY INFORMATION

This product is a natural agricultural material and is not intentionally formulated as a hazardous chemical product.

Importers and customers should verify destination-country requirements relating to :

- Plant quarantine

- Agricultural imports
- Phytosanitary certification
- Biosecurity
- Import permits
- Packaging and labeling
- Applicable local regulations

Requirements may vary according to destination country and product processing conditions.

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16. OTHER INFORMATION

Abbreviations

GHS – Globally Harmonized System of Classification and Labelling of Chemicals
SDS – Safety Data Sheet
PPE – Personal Protective Equipment
EC – Electrical Conductivity
UN – United Nations

Disclaimer

The information provided in this Safety Data Sheet is intended to provide general guidance regarding the safe handling, storage, transportation, and use of the product.

The information is based on the characteristics of cocopeat as a processed natural coconut coir material and is provided in good faith.

Product properties may vary depending on raw material, processing method, washing, drying, screening, compression, packaging, and storage conditions.

Users are responsible for determining the suitability of the product for their specific application and for complying with applicable local, national, and international requirements.

This Safety Data Sheet does not constitute a guarantee of product specifications or performance.

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