



Material Safety Data Sheet (MSDS)

Doc No: **Coirlite**

Doc Type: MSDS

Revision Date: N/A

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Coirlite

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1. Identification

In this section we give product name which will be listed on label as well as contact information of the manufacturer

Product Name: Coirlite

Class: Horticulture grade

Synonyms: Not Available

MSDS Number: N/A Version : 1.0

Product Use Description: Horticultural and Landscaping Purposes

Company: Greenfield Eco Solutions Pvt. Ltd.

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2. Hazard(s) Identification

This section identifies the hazards of the chemical presented on the MSDS and the appropriate warning information associated with those hazards. When looking at the different classifications of the numbering starts at 1 (most hazardous) and ends at 5 (Least hazardous). The lower the number or letter, the more severe the hazard.

CLASSIFICATIONS

- Flammable – Category 5
- Aspiration Hazard – Category 5
- Carcinogenicity – Category 5
- Specific Target Organ Toxicity (Repeated Exposure) – Category 4
- Specific Target Organ Toxicity (Single Exposure) – Category 5
- Skin Irritation – Category 5
- Eye Irritation – Category 5
- Chronic Aquatic Toxicity – Category 5

PICTOGRAMS



3. Composition/Information on Ingredients

This section identifies the ingredient(s) contained in the product indicated on the MSDS, including impurities and stabilizing additives. This section includes information on substances, mixtures, and all chemicals where a trade secret is claimed. The required information consists of:

MAIN INGREDIENT

Coirlite is a blend of natural organic materials extracted from husk of the coconut palm (*Cocos nucifera*) and mineral additives.

PROPORTION OF INGREDIENTS

100 %. There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Any concentration shown as a range is to protect confidentiality (trade secret) or due to batch variation.

4. First-Aid Measures

This section describes the initial care that should be given by untrained responders to an individual who has been exposed to the chemical

EFFECTS OF OVEREXPOSURE

Routes of Entry: INHALATION - EYE CONTACT - SKIN CONTACT - INGESTION

Carcinogenic Status: NONE

SKIN: Wash off with plenty of water and soap.

EYE: Wash eyes with plenty of water for at least 10 minutes. If irritation or redness of eye persists, seek medical attention.

INGESTION: Give plenty of water to drink. Seek medical attention if any abdominal symptoms persist.

INHALATION: Remove to fresh air. Dust may trigger wheezing in Asthmatic patients

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE

If an allergy such as dermatitis, asthma, or bronchitis develops it may be necessary to remove a sensitive worker from further exposure.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Wash eyes with large amount of cold water or normal saline solution. If irritation or redness persists, seek medical attention.

SKIN: Wash with water. Apply common skin moisturizers to relieve dryness. If irritation or redness develops, seek medical attention. Broken skin can be cleansed with mild soap and water.

INGESTION: Wash out mouth with water. If large amounts are ingested, seek medical attention.

INHALATION: Remove person from exposure to fresh air. If breathing has stopped, perform artificial respiration and get medical attention immediately. Keep person warm and at rest. Treat symptomatically and supportively.

Emergency Eye Wash: When there is a possibility that an employee's eyes may be exposed to bulk quantities or high concentrations of air borne dust of this substance the employer should provide an eye wash fountain within the immediate work area for emergency.

Use of appropriate PPE can limit contact as needed – long pants, sleeves, gloves, eye shields, p100 respirator.

5. Fire-Fighting Measures

This section provides recommendations for fighting a fire caused by the chemical

EXTINGUISHING MEDIA: Use water spray.

ADDITIONAL INFORMATION: Smolders in contact with fire / spark. Work areas must be non-smoking areas.

Protective Footwear and clothing for Fire Fighting should be worn.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up spilled substance carefully then clean with water.

WASTE DISPOSAL

Dispose in accordance with central, state and/or local regulations

7. Handling and Storage

This section provides guidance on the safe handling practices and conditions for safe storage of chemicals.

HANDLING: Avoid contact with moisture / water.

STORAGE: Can be stored outdoors or indoors with protection from rain / water.

Store in a cool and dry area.

8. Exposure Controls/Personal Protection

This section indicates the exposure limits, engineering controls, and personal protective measures that can be used to minimize worker exposure.

Engineering Control Measures: Engineering methods to prevent or control exposure are preferred. If they are not effective, then suitable personal protective methods should be used.

Respiratory Protection: The specific respirator selection must be based on the airborne concentration found in the work place and must not exceed the working limits of the respirator.

Hand Protection: Protective gloves may be worn to prevent skin dryness or irritation.

Eye Protection: Dust tight goggles.

Body Protection: Normal work wear.

Emergency Eye Wash: When there is a possibility that an employee's eyes may be exposed to bulk quantities or high concentrations of air borne dust of this substance the employer should provide an eye wash fountain within the immediate work area for emergency.

9. Physical and Chemical Properties

This section identifies physical and chemical properties associated with the substance or mixture

PHYSICAL STATE: Solid Organic and Natural Mineral Substance.
APPEARANCE: Brown granular / fibrous material with specks of white to grey particles.
ODOR: Odorless.
SPECIFIC GRAVITY (WATER=1): Varies according to composition and moisture content.
pH VALUE: 6-8

10. Stability and Reactivity

This section describes the reactivity hazards of the chemical and the chemical stability information.

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: None

CONDITIONS TO AVOID

Provide ventilation sufficient to prevent exceeding recommended exposure limits.
Keep containers closed and in a cool, dry place.

11. Toxicological Information

This section identifies toxicological and health effects information or indicates that such data are not available.

No adverse or pathological effects.

Irritating to the eye when lodged in the eye.

12. Ecological Information (non-mandatory)

This section provides information to evaluate the environmental impact of the chemical(s) if it were released to the environment.

There are no known ecological problems associated with this product.

13. Disposal Considerations (non-mandatory)

This section provides guidance on proper disposal practices, recycling or reclamation of the chemical(s) or its container, and safe handling practices.

Product Disposal: Dispose of in accordance with all applicable local and national regulations.

14. Transport Information (non-mandatory)

This section provides guidance on classification information for shipping and transporting of hazardous chemical(s) by road, air, rail or sea.

UN NO.: NA, UN CLAUSE: NA

UN PACKAGES: As for transport, avoid direct sunlight, load not to cause container breakages, corrosion, leakages and prevent a collapse of cargo. Avoid overloading.

Non-Hazardous Cargo. Cargo to be covered properly to prevent Coirlite and dust from flying.

IATA: Not regulated, under dangerous goods ICAO as per IATA regulations.

ICAO: Not regulated, under dangerous goods as per IATA regulated.

15. Regulatory Information (non-mandatory)

This section identifies the safety, health, and environmental regulations specific for the product that is not indicated anywhere else on the MSDS.

Dangerous Substances Directive 67/548/EEC and Dangerous Preparation Directive 88/379/EEC. These regulations do not apply.

16. Other Information

This section indicates when the MSDS was prepared or when the last known revision was made. The MSDS may also state where the changes have been made to the previous version.

This MSDS is an overview at the date of issue about the chemical, physical and biological properties of this product, safety hazards of the material and general guidance on how to safely handle the material in the occupational and natural environment. When further technical information is required on this Material Safety Data Sheet (MSDS), please contact Greenfield Eco Solutions Pvt. Ltd.