

Material Safety Data Sheet **EU**



1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY:

Identification of the product

Product name: **HollandBioPlug Jute Matting**

Product description: Jute fibers are composed primarily of the plant materials cellulose and lignin. It falls into the bast fiber category. The Jute fiber comes from the stem and ribbon (outer skin) of the jute plant.

Use of the product: As horticulture growing medium

Manufacturer/supplier identification

Company: HollandBioProducts BV
Rondweg 27, 6515 AS NIJMEGEN
The Netherlands

Telephone number: +31 (0)854890018

Email: contact@hollandbioproducts.com

Website: www.hollandbioproducts.com

Emergency telephone: +31 (0) 638304837
(Mon-Fri 8:00-18:00 Europe Time)

2. HAZARD IDENTIFICATION:

Class. for supply: No particular hazard known. The relevant minimum standards for protective measures in the chemical industry should be observed.

Health Hazards: **Inhalation:** N/A - **Ingestion:** N/A - **Skin:** Fibres may cause mild skin irritations - **Eyes:** Fibres may irritate eyes.

Environment: The product is classified as not dangerous for the environment.

Physic-Chemical: None

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Declarable Components	Concentration	CAS/EC	Hazard Symbols
Jute Fiber	100%	N/A	Not dangerous

Note: There are no additional ingredients present which, within the current knowledge of the supplier and the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST-AID MEASURES:

General information: No special measures necessary.

Exposure Limits: No exposure limits established for the product.

Skin Contact: Rinse contaminated skin with soap and water.

Eye Contact: Begin with medical treatment. In case of contact with eyes remove the product and rinse thoroughly with water.

Ingestion: Do not induce vomiting. Call in a physician immediately and show him the Material Safety Data Sheet.

Inhalation: N/A

5. FIRE AND EXPLOSIVE HAZARD INFORMATION:

Suitable extinguishing media: Water, foam, dry extinguishing media.

Rate of burning: Moderate. Jute is a dry natural fiber material and therefore flammable.

Hazardous Terminal Decomposition: Toxic gases, carbon monoxide. Formation of further fission and oxidation products depends upon the fire conditions.

NFPA Ratings for this product are: Health 1 - Flammability 1 - Instability 0

HMIS Ratings for this product are: Health 1 - Flammability 1 - Reactivity 0

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:	N/A
Environmental precautions:	N/A
Method for cleaning up:	Roll or fold up scraps

7. HANDLING AND STORAGE:

Handling: Avoid contact with eyes and skin. Do not ingest. Protect against physical damage. Use appropriate personnel protective equipment. Remove all sources of ignition when handling.

Storage: Store in a cool, dry area away from moisture, excessive heat and sources of ignition. Store in accordance with good industrial practices. Protect against physical damage.

8. EXPOSURE CONTROLS /PERSONAL PROTECTION:

Hygiene measures: The usual Industrial Hygiene precautions must be taken during work, in particular: do not drink, eat or smoke during the handling of the product and clean hands and face during work intervals and after work.

Personal protective equipment: To protect the hands: Use gloves appropriate for work or task being performed. Recommended: leather work gloves. To protect the eyes: Safety eyewear should be used when there is a potential for contact. Recommended: safety glasses. For the skin: Skin contact should be prevented through the use of suitable protective clothing, clothing, gloves and footwear, selecte for conditions of use and exposure potential.

Engineering Controls: Use a necessary to avoid contact with ignition sources.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Odor:	Loamy
Color:	Brown
Physical state:	Fibrous/Solid
Appearance:	Open-weave fibrous mesh
Boiling/condensing point:	N/A
Melting/Freezing point:	N/A
Vapour pressure:	N/A
Density:	N/A
Solubility in water:	Insoluble

10. STABILITY AND REACTIVITY:

Conditions to avoid:

Temperatures above 446 F (230 °C)

Materials to avoid:

None

Hazardous decomposition products:

At high temperatures carbon oxides may be released upon decomposition.

Reactivity:

No dangerous reactions to be expected.

11. TOXICOLOGICAL INFORMATION:

Principle Routes of Exposure:

None expected

Acute Toxicity:

None expected

Carcinogenicity:

None expected

Reproductive Toxicity / Teratogenicity /

Embryotoxicity / Mutagenicity:

None expected

12. ECOLOGICAL INFORMATION:

Aquatic Ecotoxicity:

None expected

Bioaccumulation:

This product is not expected to bio-accumulate.

Persistence / Degradability:

This product is composed of 100% natural and biodegradable components.

16. OTHER INFORMATION:

Revision: None (first EU MSDS)

The information provided herein is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

No warranty is given as to the performance or fitness for any particular purpose of the product. The information and recommendations contained herein are given to assist you in ensuring that the product is used and stored in a safe manner, but due to the conditions of use being outside our control, we have not attempted to provide you with all possible or potential safety measures that could be required when normal and accepted circumstances do not prevail.

IT IS YOUR RESPONSIBILITY TO MAKE SURE THAT THE PRODUCT IS USED AND STORED SAFELY AND THAT ALL PERSONS LIKELY TO COME INTO CONTACT WITH THE PRODUCT ARE MADE FULLY AWARE OF ALL APPROPRIATE SAFETY MEASURES.

13. DISPOSAL CONSIDERATIONS:

Waste from residues/unused products:

Disposal of all wastes must be done in according with municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION:

Not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION:

Regulatory information Notice:

No hazardous labelling is required.

U.S. TSCA Inventory Status:

All components of this product are either on the Toxic Substances Control Act Inventory List or exempt.

Canadian DSL Inventory Status:

All components of this product are either in the Domestic Substances List, the Non-Domestic Substances List or exempt.



smart organic growing