# Safety Data Sheet

Treated Jute



1. Identification of the Product and the Company				
Product Name:	Treated Jute	<b>Product Type:</b>	geotextile, sediment capture curtain	
Chemical Family:	Natural fiber with anionic polymer			
Material Uses:	Erosion control on unvegetated slopes, sediment/suspended solid capture in water.			
Supplier:	Clearflow Group Inc. Ph. 780-410-1403	#140, 134 Pembina Fx. 780-410-1406	Road Sherwood Park, AB T8H 0M2 www.clearflowgroup.com	

In Case of Emergency: 780-410-1403

### 2. Composition / Information on Ingredients

Natural Jute Fibre>99% by weightAnionic Polymer<1% by weight</td>

There are no additional 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.

3. Hazard Identification		
<b>Potential Acute</b>	e Health Effects	
Inhalation:	Inhalation of vapours, mists, fibres or dusts of the product may be irritating to the respiratory system. May irritate mouth, nose, and throat.	
Ingestion:	May cause irritation of the lining of the stomach.	
Skin:	Fibres and polymer may cause mild to moderate irritation can occur. Prolonged or repeated contact may cause defatting and drying of the skin. Prolonged or repeated contact may cause discomfort and local redness.	
Eyes:	Fibres and polymer grains may cause eye irritation. May result in mild to moderate irritation to eyes.	

### 4. First Aid Measures

Inhalation:	Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
Skin contact: Eye Contact:	Wash with soap and water. In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the longs.

Notes to Physician: Treatment based on sound judgement of physician and individual reactions of patient.

### 5. Fire-Fighting Measures

5. Fire-Fighting Measures			
Flash Point:	Not applicable.		
Flash Point Method:	Not applicable.		
Autoignition Temperature:	193 °C		
Flammable Limits in Air (%):	Not applicable.		
Rate of Burning:	Moderate		
Extinguishing Media			
Suitable:	Water, Dry Chemical, or Foam.		
Not Suitable:	None known.		
Hazardous Thermal Decomposition Products: Carbon Oxides.			
Special Protective			
Equipment for	Fire fighters should wear full protective clothing, including self-contained breathing		
Fire-Fighters:	equipment. Fire fighters should avoid inhaling any combustion products.		
Other Notes:	Jute is a dry natural fiber material and therefore flammable.		
NFPA Ratings for this product			
HMIS Ratings for this product	are: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0		

### 6. Accidental Release Measures

Personal precautions:	Wear appropriate protective equipment. Wet product and aqueous solutions of polymer are very slippery. Trace amounts of polymer on smooth surfaces can become extremely slippery when wet.
<b>Environmental Precautions:</b>	No special precautions.
Procedure for Clean-up:	Roll or fold up scraps. Sweep up any powder or small fibres. No special disposal considerations.

## 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

### **Personal Protection**

<b>Respiratory:</b>	Not normally required. If large amount of fibres become airborne a dust mask can be used.
Hands:	Use gloves appropriate for work or task being performed. Recommended: leather work gloves.
Eyes:	Safety eyewear should be used when there is a potential for contact. Recommended: safety glasses.
Skin	Skin Contact should be prevented through the use of suitable protective clothing, gloves and footwear, selected
	for conditions of use and exposure potential.

Other Personal Protection Data: None.

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

### 9. Physical and Chemical Properties

7.1 hysical and Chemical 1 toper ites				
Physical State:	Solid	Color:	Brown	
Odor:	Loamy	Appearance:	Open-weave fibrous mesh	
pH:	Not available.	Specific Gravity:	Not available.	
<b>Boiling/Condensing Point</b> :	Not available.	<b>Melting/Freezing Point:</b>	Not available.	
Vapour Pressure:	Not available.	Vapour Density:	Not available.	
% Volatile by Volume:	Not available.	<b>Evaporation Rate:</b>	Not available.	
Solubility:	Not soluble.	VOCs:	Not available.	
Other:	None			

# 10. Stability and ReactivityChemical Stability:The product is stable.Hazardous Polymerization:Will not occur.Conditions to Avoid:Temperatures above Autoignition Temperature, ignition sources.Materials to Avoid:Strong Oxidizers.Hazardous Decomposition Products:Carbon oxides may be released upon ignition.Additional Information:No additional information.

### **11. Toxicological Information**

Principle Routes of Expo	sure	
Ingestion:	May cause irritation of the lining of the stomach.	
Skin contact:	Mild to moderate irritation can occur. Prolonged or repeated contact may cause defatting and drying of the skin. Prolonged or repeated contact may cause discomfort and local redness.	
Inhalation:	Inhalation of vapours, mists or dusts of the product may be irritating to the respiratory system. May irritate mouth, nose, and throat.	
Eye Contact:	May causes eye irritation. May result in mild to moderate irritation to eyes.	
Additional Information:	Prolonged and repeated contact with the skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.	
Acute Toxicity None expected.		
Carcinogenicity None expected.		
<b><u>Reproductive Toxicity / Teratogenicity / Embryotoxicity / Mutagenicity</u></b> None expected.		

### **12. Ecological Information**

Aquatic Ecotoxicity None expected.	
<u>Other Information:</u> Bioaccumulation: Persistence / Degradability:	The product is not expected to bioaccumulate. Product is composed of 100% natural and biodegradable components.

### 13. Disposal Considerations

**Disposal of Waste Method:** Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

### **14. Transport Information**

Regulatory Information	UN Number	Proper Shipping Name	Hazard Class	PG*	Label	Additional Information
DOT (U.S.)	-	-	-	-	-	not a regulated product
TDG (Canada)	-	-	-	-	-	not a regulated product

PG\* : Packaging Group

Product not regulated as a dangerous good.

15. Regulatory Information		
U.S. TSCA Inventory Status:	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.	
Canadian DSL Inventory Status:	All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.	

16. Other Information	1
Additional Information:	This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.
Prepared By:	Clearflow Group, Inc.
Date of Issue:	1/07/2021
Change List:	original $-3/22/2017$ data review $-4/10/2018$ data review $-4/04/2019$ Logo update, data review $-1/07/2021$
Disclaimer:	NOTICE TO READER: Clearflow, expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.
	Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from Clearflow Group.
	All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Clearflow makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Clearflow's control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

### \*\*\*END OF SDS\*\*\*