

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Freedom Giant Miscanthus (miscanthus x giganteus)
SYNONYMS: giant miscanthus, miscanthus, Freedom, mxg
PRODUCT CODES: NA

MANUFACTURER: REPREVE Renewables
ADDRESS: 7201 W.Friendly Ave, Greensboro, N.C. 27410

EMERGENCY PHONE: 336-316-5465
OTHER CALLS: 336-316-5465

CHEMICAL NAME: Agricultural Miscanthus Straw
CHEMICAL FAMILY: NA
CHEMICAL FORMULA: NA

PRODUCT USE: Agricultural straw for combustion or conversion of cellulose
PREPARED BY: REPREVE Renewables

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
Product is agricultural straw. Under normal handling, storage and application conditions overexposure to straw dust from this product is not anticipated.

POTENTIAL HEALTH EFFECTS

EYES: NA
SKIN: NA
INGESTION: NA
INHALATION: NA

ACUTE HEALTH HAZARDS: NA
CHRONIC HEALTH HAZARDS: NA
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA
CARCINOGENICITY: NA

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>
Agricultural Straw	NA	100%

Component Information: Material is clean long straw fibers of miscanthus straw and does not contain any chemical substance.

SECTION 4: FIRST AID MEASURES

EYES: NA
SKIN: NA
INGESTION: NA
INHALATION: NA

SECTION 5: FIRE-FIGHTING MEASURES

GENERAL FIRE HAZARDS:

Product will ignite upon exposure to open flame or other ignition source.

FLASH POINT: NA

METHOD USED: NA

AUTOIGNITION TEMPERATURE: NA

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: 0

HMIS HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION: NA

EXTINGUISHING MEDIA:

Water, Dry Chemical, or Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should avoid inhaling any combustion products.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

HAZARDOUS DECOMPOSITION PRODUCTS:

None

SECTION 6: ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES:

Contain by any means necessary.

CLEAN-UP PROCEDURES:

Vacuum or sweep up material as necessary.

SPECIAL INSTRUCTIONS:

Remove sources of ignition during cleanup.

SECTION 7: HANDLING AND STORAGE

PROCEDURES FOR HANDLING:

Remove all sources of ignition when handling this product.

RECOMMENDED STORAGE METHODS:

Store in a cool, dry area away from moisture, excessive heat, and sources of ignition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use as necessary to avoid contact with ignition sources.

VENTILATION :

Normal dust control.

RESPIRATORY PROTECTION:

NA

EYE PROTECTION:

Wear safety glasses, goggles, or another appropriate eye protection.

SKIN PROTECTION:

Normal work clothing and gloves are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

None.

EXPOSURE GUIDELINES:

Keep dust formation to a minimum.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Dry straw fibers, tan in color.	ODOR: Dry straw.
PHYSICAL STATE: Solid	pH AS SUPPLIED: NA
BOILING POINT: NA	MELTING POINT: NA
FREEZING POINT: NA	VAPOR PRESSURE/DENSITY: NA
EVAPORATION RATE: NA	SOLUBILITY IN WATER: NA
PERCENT SOLIDS BY WEIGHT: 100%	

SECTION 10: STABILITY AND REACTIVITY

STABILITY:
 Stable.

CONDITIONS TO AVOID (STABILITY):
 None.

INCOMPATIBILITY (MATERIAL TO AVOID):
 None.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:
 None.

HAZARDOUS POLYMERIZATION:
 Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION):
 None.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

Acute Toxicity Information: No data	Epidemiology: No data
Carcinogenicity: No data	Reproductive Toxicity: No data
Neurotoxicity: No data	Mutagenicity: No data
Other: No data	

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:
 No ecotoxicity. 100% of product is composed of natural and biodegradable components.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
 Dispose of waste material in accordance with all applicable Federal, State or provincial and local environmental regulations.

RCRA HAZARD CLASS:
 Not regulated.

US EPA Waste Number & Descriptions:
A. General Product Information: As shipped, not regulated as a hazardous waste.
B. Component Waste Numbers: No EPA Waste Numbers are applicable for this product.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

SHIPPING NAME: Not regulated as a hazardous material.
HAZARD CLASS: NA
ID NUMBER: NA
PACKING GROUP: NA
LABEL STATEMENT: NA

LABEL(S) REQUIRED: None.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

None.

STATE REGULATIONS:

None.

INTERNATIONAL REGULATIONS:

None.

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION:

SDS Contact: REPREEVE Renewables Phone: 336-316-5465

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