



STRAWNET® PELLETIZED STRAW MULCH CERTIFICATE OF COMPLIANCE

CERTIFICATE OF COMPLIANCE

U.S. Patent Reg. No. - 2,716,068

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HydroStraw, LLC certifies that StrawNet contains the following properties and characteristics

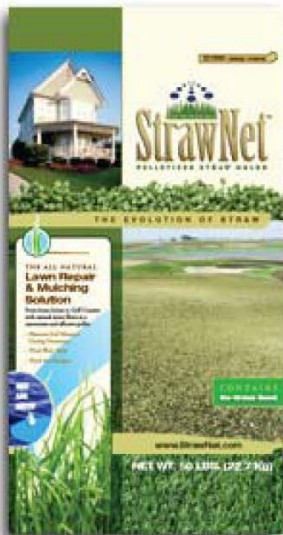
DESCRIPTION-

For years straw has been used to help maintain soil moisture during germination. And for years straw being blown away or washed out leaving areas of soil exposed has been a problem.

Those days are over with the introduction of StrawNet, the Pelletized Straw Mulch. It's simple. Compressed straw fibers are formed into easily applied pellets that weigh more than conventional straw so they can't be blown around. Add

water and the pellets swell and rupture forming a thin but dense ground cover.

Special binding agents have been added during production to help the straw fibers net together with themselves and the soil creating a moisture trapping layer of straw fiber.



Physical Characteristics

Toxicity	Non-Toxic
Applied Color	Green
Surface Tension	Material will evenly disperse and suspend when agitated in water
Absorbancy	When applied uniformly at the recommended rate, the mulch fibers form an absorbent mulch cover which will allow percolation of water and increased water infiltration to the underlying soil matrix
Solubility	Insoluble
PH	07.8 +/- 0.5
Average Fiber Length	1/2" +/- 1/4"

Packaging and Shipping Data

Bag Weight	50lb & 10lb Bags
Pallet	50lb:40 Bags - 10lb:100 Bags
Full Truck 50lb	22 Pallets, 880 Bags
Full Truck 10lb	22 Pallets, 20 Boxes
Packaging	Moisture resistant packaging

* 5/10lb bags per box

Composition

Heat Treated Straw Fiber	88.0% +/- 1.5%
Natural Wetting Agent	Trace
Green Dye	Trace
Moisture Content	12.0% +/- 1.5%

Application Rates

50lb Bags	Covers 500 Sq/Ft per Bag
10lb Bags	Covers 100 Sq/Ft per Bag

WARRANTY

HydroStraw, LLC warrants that its products are free from defects and will perform as stated in this literature. If our product does not meet products specifications, notice of failure must be received within 15 days of failure. HydroStraw, LLC will not warrant that the product will perform under unlimited circumstances that are caused by soil conditions, installation, and/or weather variables.

MSDS Material Safety Data Sheet

StrawNet



StrawNet Pelletized Straw Mulch

MSDS Number: STN002

Revision Date: 04/14/09

1

PRODUCT AND COMPANY IDENTIFICATION

Corporate Office

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Product Name:	StrawNet
Revision Date:	04/14/09
MSDS Number:	STN002
CAS Number:	Not Applicable
Product Use:	Pelletized Straw Mulch for seeding projects of a few thousand feet or involving a few acres, blown straw alternative

Product Description:	Pelletized Straw Mulch with a specially formulated composition of recycled straw fiber, cellulose, natural fibers for fiber matrix entanglement, and a non toxic soil stabilizer.
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2

HAZARDS IDENTIFICATION

Route of Entry:	Inhalation, eye contact, skin contact
Inhalation:	Straw may cause irritation, sneezing, and dryness of the nose and throat. Straw dust may aggravate pre-existing respiratory conditions
Skin Contact:	Straw dust can cause irritation. Skin absorption is not known to occur
Eye Contact:	Straw dust can irritate the eyes.
Ingestion:	No reports of human ingestion.
Carcinogenicity:	NTP-NO, IARC-NO, OSHA-NO

3 PHYSICAL PROPERTY DATA

pH Value

7.80

Appearance

Green

Odor

Negligible

Vapor Pressure

N/A

Melting Point

N/A

Boiling Point

N/A

Percent Volatile

Negligible

Vapor Density

N/A

Solubility in Water

Insoluble

Specific Gravity

(Water = 1) 1.4035

Evaporation Rate

N/A

4 FIRST AID MEASURES

Inhalation:

Usually not a problem. Remove to fresh air if respiratory irritation develops, and get medical aid promptly if irritation persists.

Skin Contact:

Wash off with running water if irritation is experienced.

Eye Contact:

Open eyelids and flush with water thoroughly.

Ingestion:

Get medical attention.

5 FIRE FIGHTING MEASURES

Flash Point:

Not applicable

Flash Point Method:

CCC

Flammable Classification:

Combustible product

LEL:

N/A

UEL:

N/A

Conditions to avoid: In contact with flames or hot surfaces

Flammable- Extinguish with water; same as a wood or straw fire

6 PRECAUTIONS FOR HANDLING – SPILL OR LEAK PROCEDURES

Released or Spilled:

Collect (Pellets) and contain for salvage

Waste Disposal Method:

N/A*

Handling/Storage:

Insure packaging is in good condition for outside storage. Store in a cool, dry place. Keep away from sources of ignition.

*We make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state and local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

Signs/Symptoms of**Exposure:** None Known**Medical Conditions****Generally Aggravated****by Exposure:** None Known**Emergency First Aid****Procedure:** N/A**Respiratory Protection:** Ventilation**Protective Gloves:** Wear gloves of leather, plastic, or rubber make when filling hopper**Eye Protection:** If dusty use goggles/safety glasses with side shields when filling hopper**Respirators:** When handling methods generate dust at concentrations that exceed occupational exposure limits, wear a NIOSH approved respirator. A fabric respirator or a face piece respirator with dust cartridges will generally provide adequate protection.**Footwear:** The product is slippery when wet. Wear appropriate footwear.**Word/Hygienic:** Clean up spills promptly and use good hygiene practices.**Stability:** Stable (100° C/48 hrs)**Hazardous Polymerization:** Will not occur**Incompatibility:** Strong Oxidizers

This MSDS is prepared and distributed pursuant to
The Federal Hazard Communication Standard, 29 CFR 1910.1200

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