

MATERIAL SAFETY DATA SHEET

1. COMPANY AND PRODUCT

Product Name: GreenStake™ (biodegradable stake)
 Manufacturer: GreenStake Inc., 1 Choctaw Ridge Road, Branchburg, NJ 08876
 Tel: 877 205 2400 E-mail: office@greenstake.com

2. COMPOSITION

<u>CAS#</u>	<u>INGREDIENTS</u>	<u>LISTED AS CARCINOGEN</u>
N/A	plant based material derived from starch from wheat and potato + biodegradable pigments.	No

3. HAZARDS IDENTIFICATION

INGESTION: No evidence of harmful effects, if large amount swallowed consult a physician.
 SKIN CONTACT: No evidence of harmful effects.
 EYE CONTACT: No evidence of harmful effects.
 SKIN ABSORPTION: No evidence of harmful effects.
 INHALATION: No evidence of harmful effects.

4. FIRST AID MEASURES

No special emergency measures are necessary for the normal use of the product.

INGESTION: Remove residuals from mouth. If large amounts have been swallowed, consult a physician.
 EYE CONTACT: Flush eyes with clean water for several minutes.
 SKIN CONTACT: Wash with soap and water to remove residuals.
 INHALATION: Remove from exposure.

5. FIRE AND EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Spray, CO₂, Dry Powder, Foam,
 PROTECTION EQUIPMENT: Fire fighters should protect themselves from carbon monoxide combustion products.
 UNUSUAL FIRE HAZARDS: none.
 HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide.
 EXPLOSION HAZARD: GreenStakes™ are not an explosion hazard.
 AUTOIGNITION TEMPERATURE: 370-390°C.
 HEAT OF COMBUSTION: 5400-6000 Kcal/Kg.

6. ACCIDENTAL RELEASE MEASURES

ACTIONS: Use normal good housekeeping procedures. Sweep up to avoid tripping hazard.

7. SAFE HANDLING AND USE

Use customary personal hygiene measures such as washing hands after working with GreenStakes™. Use safety glasses, gloves and protective clothing when handling or using GreenStakes™.

8. STORAGE

STORAGE: Store in a dry place.

9. SAFE HANDLING AND USE

PHYSICAL STATE:	Solid.	COLOR:	Green.
ODOR:	Mild.	BOILING POINT:	Not applicable.
MELTING POINT:	Not applicable.	DENSITY (H ₂ O=1):	1.33

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal storage conditions.
MATERIALS TO AVOID:	Oxidising or reducing agents.
HAZARDOUS POLYMERIZATION OCCURS:	No.
CONDITIONS TO AVOID IF UNSTABLE:	Not applicable.
CONDITIONS TO AVOID IF POLYMERIZATION CAN OCCUR:	Not applicable.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	The product is not acutely toxic. No health effects are expected from normal use.
EFFECTS OF OCCUPATIONAL OVEREXPOSURE:	None.

12. ECOLOGICAL INFORMATION

The product is fully biodegradable. The biodegradation process is affected by temperature, humidity, pH and substratum activity.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT CONSIDERATIONS

SEA TRANSPORT:	Materials not subjected to restrictions.
AIR TRANSPORT:	Materials not subjected to restrictions.
LAND TRANSPORT:	Materials not subjected to restrictions.

15. REGULATORY INFORMATION

LABELLING:	Product not subject to labelling.
SAFETY PHRASES:	None.

Disclaimer:

The opinions expressed herein are those of experts in GreenStake. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of these opinions and of this information and the conditions of use of the product are not under the control or supervision of GreenStake, it is the user's obligation to determine the conditions of safe use of the product.