

Holganix LLC – Hazard Communication Safety Data Sheet

Holganix Blend 66GC CT – Super Concentrate

January 13, 2016

In emergency call 866.563.2784 (9:00 am to 5:00 pm EST/EDT) or 610.283.6913 (after hours).

Product Name – Holganix® Blend 66GC CT – Super Concentrate

SECTION 1: IDENTIFICATION

Holganix LLC

Product Name: Holganix Blend 66GC CT – Super Concentrate

54 Conchester Road

Common Name: Holganix Golf Course

Glen Mills, PA 19342-1506

Product Type: soil amendment

866.6563.2784

www.holganix.com

SECTION 2: HAZARD(S) IDENTIFICATION

No hazardous materials.

Skin – prolonged contact may cause irritation if individual has dermal allergic reaction.

Eyes – may cause irritation.

Ingestion – if ingested in large quantities, may cause irritation.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients

Plant Based Compost Tea: 75.09%

Molasses 20.17%

Brewer's Yeast 4.05%

Endo-mycorrhizae 0.11%

Ecto-mycorrhizae 0.11%

Yucca extract 0.09%

Other 0.38%

<Complies with OSHA 29 CFR XVII -1910-1200 section (1) "trade secrets".

Contains no hazardous components under OSHA definitions.

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SECTION 4: FIRST AID MEASURES

Eye Contact: Flush with running water for at least 15 minutes, keeping eyelids open. Seek medical attention if symptoms develop or irritation persists.

Skin Contact: Wash exposed skin with soap and water. Rinse thoroughly. Seek medical attention if symptoms develop or irritation persists.

If Inhaled: Relocate to fresh air. If nasal cavity is irritated, flush with water. Seek medical attention if symptoms develop.

If Ingested: Drink 8 to 16 fluid ounces of water. Do not induce vomiting. Call the Poison Control Center (1.800.222.1222) if ingested in large amounts. If vomiting occurs, lower the head to keep vomit from being swallowed..

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point (°/Test Method): None – p-m closed cup

Flammable Limits (LFL & UFL): Non-flammable

Extinguishing Media: None required. Use medium appropriate for surrounding fire.

Hazardous Combustion Products: Not applicable

Special Fire Fighting Procedures: Non-flammable. Use appropriate medium for surrounding fire. If possible, remove product not involved in the fire to a safe location.

SECTION 6: ACCIDENTAL RELEASE MEASURES

In the event of a spill, recover as much of the material as might be possible. Use proper caution as area of spill may be slippery. Spill residue may be washed down a process or sanitary sewer. Depending upon local regulations, spills may be washed into a storm sewer. This product is readily biodegradable in the natural environment and is not toxic to animal or plant life.

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SECTION 7: HANDLING AND STORAGE

Keep containers of concentrated product sealed with the original, vented cap. Store the product in a refrigerator or cold room, at a temperature below 44° F but above 32°F, to insure sufficient effectiveness of the product as a soil amendment. The product may be stored above 44° F for a period of 48 hours if the product is used as directed. Storing at temperatures above 44° F does not affect the safety of the product. An improperly sealed or stored container may cause a pressure related evacuation of the container.

Diluted product may be aerated for up to 30 days at temperatures below 90° F without diminishing its effectiveness as a soil amendment. Over heating does not affect the safety of the product. Diluted product may be reduced to below 44° F but above 32°F for sustained storage.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

No special precautions are required. Safety habits for eye protection, gloves and clothing are recommended to avoid contact in eyes and to skin. Protective glasses and a painter's mask are sufficient to minimize the chance of splattering product into the eyes or ingesting or inhaling the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: a medium to dark brown liquid with fluid properties of water and a smell of molasses and yeast.

Specific Gravity: (water = 1g/ml): 1.2 **Odor:** n/a **Solubility:** soluble in water

Vapor Density: (air = 1): n/a **Vapor Pressure:** n/a **Boiling Point:** 212° F

Freezing Point: 32° F **Bulk Density:** 9.125 lbs **Percent Volatile:** n/a

Evaporation Rate: water **pH:** normally 4.4-4.6, but may range to 8.9 and remain effective

SECTION 10: STABILITY AND REACTIVITY

The product is stable. Maintain in properly vented containers. Package comes with vented caps. Product ferments if left in concentrated form above 44° F for over 48 hours.

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SECTION 11: TOXICOLOGICAL INFORMATION

Health Hazards:

Exposure: skin contact, eye contact, inhalation and/or ingestion.

Acute Effects: may cause mild transient irritation.

Chronic Effects: adverse effects from chronic contact are not known.

SECTION 12: ECOLOGICAL INFORMATION

The product is readily biodegradable in the natural environment. Spillage may result in a biological oxygen demand. Organisms in the product are naturally occurring in soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Containers may be rinsed with water and disposed of as approved by local regulations. Containers may also be recycled through Holganix' recycle program. (Contact your distributor or Holganix directly for further information.)

SECTION 14: TRANSPORT INFORMATION

Transportation of this product is not regulated.

SECTION 15: REGULATORY INFORMATION

NFPA Hazard Rating: Health – 0; Flammability – 0; instability – 0

HMIS Rating: Health – 0; Flammability – 0; Reactivity – 0

CA Proposition 65: not listed

SECTION 16: OTHER INFORMATION

The information in this MSDS is based upon available information and/or data. No warranty is expressed or implied with respect to the accuracy of this data, information or the results to be obtained from the use. Users should satisfy themselves that they have all current data relevant to their particular use.

Holganix LLC assumes no responsibility or liability for any incidental or consequential damages whether related to personal injury or property damage, to vendees, users or third parties, caused by the material; and Holganix LLC responsibility is limited to replacement of, or repayment of, the purchase

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price for the material(s) with respect to which damages are claimed. All vendees or users assume all risk associated with the use of the material(s).