

# Terreplenish® Safety Data Sheet

In case of emergency call Feed Earth Now LLC. 847-568-0148

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## SECTION 1: IDENTIFICATION

Feed Earth Now LLC

7520 Skokie Blvd.

Skokie, IL 60077

877-905-7109

<http://terreplenish.com/>

**Product Name:** Terreplenish® liquid concentrate

**Product Type:** soil amendment

## 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

**Water:** CAS# 7732-18-5

**Lactic Acid:** CAS# 50-21-5

**Acetic Acid:** CAS# 64-19-7

## 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.

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**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 product in a cool place, heat will not affect product in storage. Keep out of direct sunlight. Product will not lose effectiveness at temperatures below 32°F. 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.

### 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 can range in smells of strong vinegar and yeast.

**Specific Gravity:** (water = 1g/ml): 1.2      **Odor:** vinegar, yeast      **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:** normal 3.2 -4.5, but may range to 5.5 and remain effective

### SECTION 10: STABILITY AND REACTIVITY

The product is stable maintained in proper containers and has a shelf life of 18-month when stored in concentrate form in airtight containers.

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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 should be diluted. Organisms in the product are naturally occurring in soil.

### SECTION 13: DISPOSAL CONSIDERATIONS

Containers may be rinsed with water and reused for non-food grade use or disposed of as approved by local regulations.

### 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.

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