

**MATERIAL SAFETY DATA SHEET**  
**PRODUCT: EARTHWORKS WATER TREATMENT GT**

**SECTION I**

Manufacturer's Name: PolyPortables, Inc.  
Address: 163 Breakstone Drive  
Dahlonega, GA 30533  
Emergency Telephone: (800) 535-5053  
Information Telephone: (800) 241-7951  
Date Prepared: 12/11/2012

**SECTION II INGREDIENTS/IDENTITY INFORMATION**

Hazardous Ingredients: None  
Components: Viable bacterial cultures-Class One, Bacillus Spores, non-pathogenic-(largely water (>10%). CAS#7732-18-5.  
Ingredients not precisely identified are nonhazardous & Proprietary.  
All chemical ingredients appear on the EPA TSCA Inventory.  
Values are not product specifications.  
The above ingredients have been added to a non-hazardous liquid organic media as a carrier and microbial stimulant.

Fragrance (Blend) Essential Oils  
And Fixatives Mixture  
Surfactant Blend – Stabilizers & Cleaners Mixture  
OSHA PEL: None  
ACGIH TLV: N/A  
Other Limits: None  
% (optional) N/A

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point:	100 C	Specific Gravity:	1.04 approx.
Vapor Pressure:	Equivalent to water	Melting Point:	N/A
Vapor Density:	Equivalent to water	Evaporation Rate:	N/D
Solubility in Water:	99%	HIMS:	Health-1 Fire-0 Reactivity-0
Appearance & Odor:	Brown/Black liquid Earthy odor		
PH:	Range 6.5 to 8.0		

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

Flash Point:	N/A	Flammable Limits:	N/A
LEL:	N/A	UEL:	N/A
Extinguishing Media:	None		
Special Fire Fighting Procedures:	N/D		
Unusual Fire & Explosion Hazards:	N/A		
Fire & Explosion Hazard Summary:	Not considered to be a fire hazard.		

N/A = not applicable N/D = not determined

**SECTION V REACTIVITY DATA**

Stability: (Unstable/Stable) Stable under normal conditions.  
Conditions to Avoid: Strong acids or alkali compounds may inactivate bio cultures.  
Incompatibility: Strong acids or alkali compounds.  
(materials to avoid)  
Hazardous Decomposition or Byproducts: N/A  
Hazardous Polymerization: Will not occur.  
(May occur. Will not occur)  
This is a non-toxic, nonpathogenic mixture of bacteria in a liquid media.

## SECTION VI HEALTH HAZARD DATA

Route(s) of Entry:	
Inhalation-	Will not occur.
Skin-	Prolonged contact may cause slight irritation.
Ingestion-	May cause sickness.
Health Hazards:	None known.
(Acute & Chronic)	
Carcinogenicity:	
NTP-	N/A
IARC Monographs-	N/A
OSHA Regulated-	N/A
Signs & Symptoms of Exposure:	Ingestion: No effect if ingested in small amounts. A single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop. Eyes: This material may cause eye irritation. Organisms used are non-pathogenic but can cause infection when in contact with open wounds and are susceptible to many commonly-used antibiotics. Skin: Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact.
Medical Conditions Generally	
Aggravated by Exposure:	May cause infection if in contact with open wounds.
Emergency & First Aid	
Procedures:	Ingestion: Call poison control center. Eyes: Immediately flush with water for 15 minutes. Seek medical attention if irritation persists. Skin: Remove contaminated clothing and footwear. Wash with soap and water.

## SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case	
Material is released or spilled:	Flush spilled materials into sanitary or storm sewers. Use chemical absorbent and sweep up small spills. Contain and collect large spills.
Water and Disposal Method:	Dispose of in accordance with federal, state, and local regulations.
Precautions to be taken in	
Handling and Storing:	Minimize exposure in accordance with good hygiene practice. To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110 F and keep from freezing.
Other Precautions:	Keep out of reach of children.

## SECTION VIII CONTROL MEASURES

Respiratory Protection (Specify Type)	None required for recommended use. Avoid creating aerosols in poorly ventilated areas.
Ventilation: Local Exhaust-	Normal
Mechanical-	N/A
General	
Special-	None
Other-	None
Protective Gloves:	Rubber gloves not necessary but recommended.
Eye Protection:	Safety glasses not necessary but recommended.
Other Protective Clothing or Equipment:	As determined.
Work/Hygienic Practices:	Normal

N/A = not applicable N/D = not determined

All information contained in this MSDS is believed to be accurate based on the information available at this time. No warranties, expressed or implied, are made.

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# POLY PORTABLES

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## 1. [Liquid Deodorizers](#)

# Earth Works Series



## Additional Photos:



## Product Overview:

Earth Works tank deodorizer is powered by a natural extract that acts like a sponge, absorbing and binding odorous compounds so efficiently it can "tie up" a thousand times its own mass! Earth Works

effectively controls odor without the risks associated with handling and disposal of harsh chemicals, such as glutaraldehyde, formaldehyde, or other harsh "biocides."

**Features Include:**

- Unique, proprietary odor-binding technology that combines five modes of eliminating holding tank odors.
- Eliminates mounding and resulting insect infestations
- Performs better the longer the service period
- Created in Partnership with the US EPA Designed for the Environment
- Safe to handle, nontoxic, and actually enhances the efficiency of wastewater treatment plants
- Actually reduces the ability of waste to produce odors; liquefies waste and breaks down tissue to provide long-lasting odor control
- Available in concentrates and ready-to-use formula

**Earth Works XT**

The original organic alternative to portable toilet deodorizing with premium fragrance and dye concentration.

**To Use:** Add ½ ounce to 1 ounce of Earth Works XT to 5 gallons of fresh water in the restroom holding tank. Under extreme usage and heat conditions 2 ounces may be required.

**Earth Works XL**

Our original formulation created in partnership with the US EPA delivers a truly organic solution to portable toilet odors.

**To Use:** Add ½ ounce to 1 ounce of Earth Works XL to 5 gallons of fresh water in the restroom holding tank. Under extreme usage and heat conditions 2 ounces may be required.

**Earth Works Plus**

An economical choice for moderate climates and usage. Created in partnership with the US EPA Design for the Environment program.

**To Use:** Add 2 ounces of Earth Works Plus to 5 gallons of fresh water in restroom holding tank. Under extreme usage and heat conditions 4 ounces may be required.

**Earth Works**

Perfect for special events and the milder seasons of fall and winter.

**To Use:** Add 2 to 4 ounces of Earth Works to 5 gallons of fresh water in restroom holding tank. Under extreme usage and heat conditions 6 ounces may be required.

### **Fragrances:**

- Cherry
- **Mulberrier**
- Bubble Gum
- Fresher n' Cleaner
- Pine Fresh
- Arctic Breeze
- Lemon Twist
- Citrepel
- Cinnamon Spice
- Wildflower

### **Available Sizes:**

- 1 Gallon
- 5 Gallons
- 7 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes

## **Liquid Deodorizers**

- [Blue Works Series](#)
- [Bio Works Series](#)
- **[Earth Works Series](#)**

## **Company Info**

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Dahlonega, GA 30533

[Map & Directions](#)

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