

# Odors Control System

## Dumpster Odor Solutions Inside



**Specially Engineered Formula Odor Neutralization**  
Package Includes Zeolite Filter to Capture Airborne Smell Molecules\*

 Programmable  Autonomous  Wi-Fi System (App Control Optional)

**Technology 100% Guaranteed to Kill Odor-Causing Bacteria!**

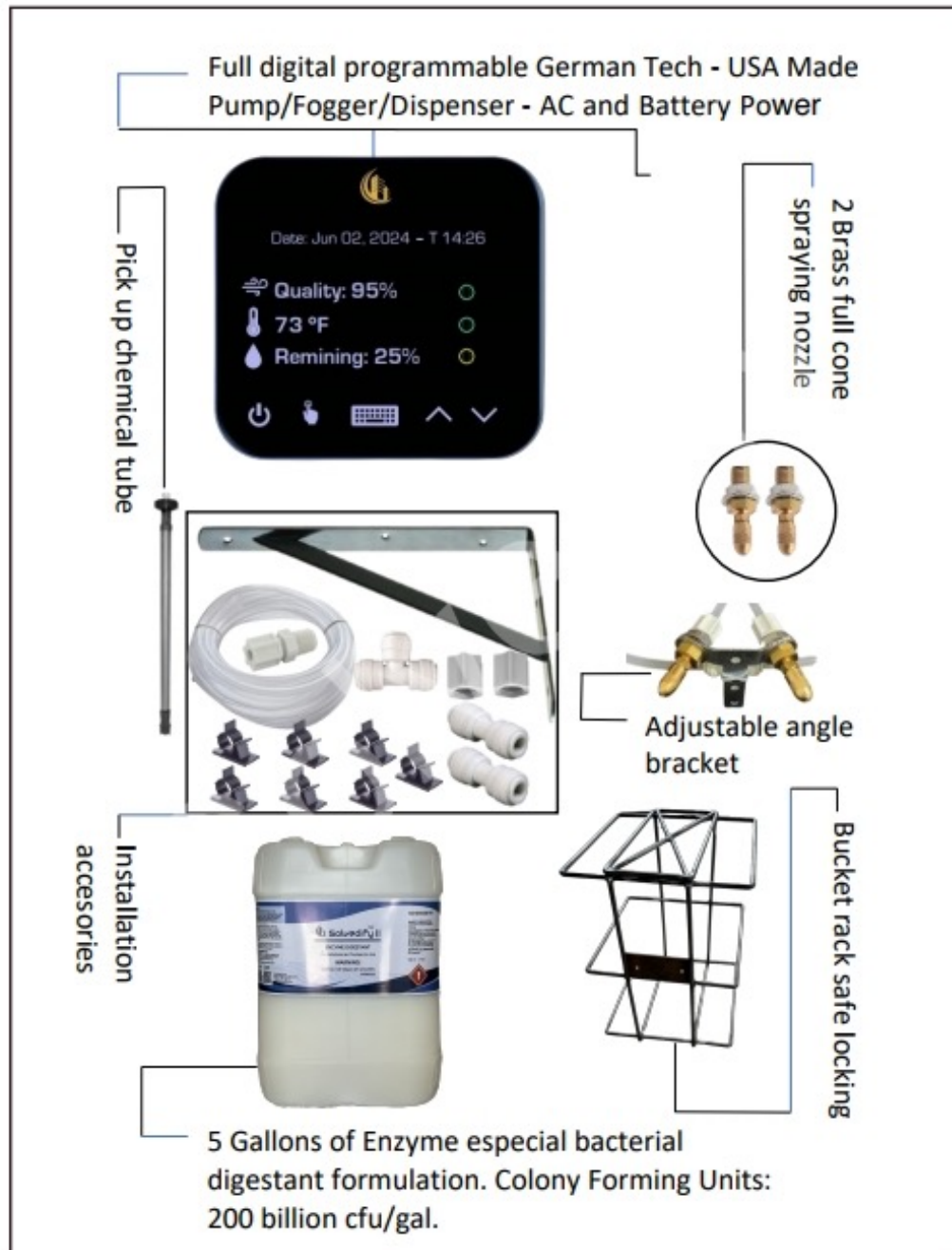
501 Goodlette Road North  
Naples, FL 34102 USA

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## TechDigestant II System Componentes



TechDigestant II | Odor Control for Garbage Rooms, Dumpsters, and Trash Chutes | Enzyme Bacteria Digestant System | Fully Automatic Programmable Sprayer | Easy Installation | Industrial-Grade





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Quality: 95% ●

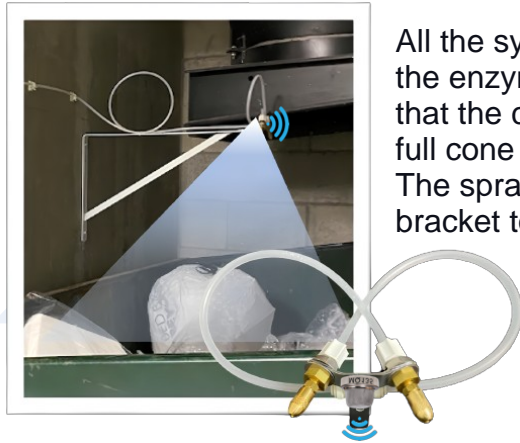
73 °F ●

Remining: 25% ●

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Engineered components:



All the system components are designed not only to dispense the enzyme in a timely and precise manner, but also to ensure that the chemical covers the entire dumpster area by using a full cone pattern sprayer at the appropriate angle and height. The spraying components are attached to a 24-inch-long bracket to reach the center of the dumpster.

We make sure you will use all Enzyme in the container:



Unlike most applications that need to extract liquids from containers using flexible tubing, which creates a circular shape at the bottom of the container, leaving a lot of the liquid unused, the TechDigestant II system has a specially designed "Pick Up Tube" that allows you to use almost to the last drop of the enzyme. Optional WiFi fluid level "Pick Up Tube."

Complying with security and safety issues:



The TechDigestant II system features a secure bucket rack locking mechanism to protect the enzyme container from impacts that are commonly caused when the full garbage dumpsters are being emptied by the garbage truck personnel.

Additionally, the bucket allows for the use of any lock to ensure that only authorized individuals can manipulate the enzyme and container. The system is in compliance with OSHA regulations (HCS) (29 CFR 1910.1200(g)), and GHS signs indicating that the contents are harmful/irritant are provided, along with an MSDS that includes emergency contact information and first-aid measures.



How much Enzyme do I need to dispensing?

Number of Apartments For Trial Period	62
Total Number of Occupants*	115
lbs. Lbs. of Garbage Produced Per Person Daily	4.5
Age Garbage Lbs. Produced Per Day* All Tenants	521.25
Garbage Accumulated (Lbs.) Accumulated Before Pick Up	121.5
Dispensing Enzyme (Dispensants / Frequency & Time)	12
Dispensing Every	7
Dispensing Duration	7
Capacity	400 ml/min
Enzyme Dispensed By Time Length/Sec	12.5 ml

Our in-house developed online calculator tool will help you estimate the correct quantity of enzyme you might need for an efficient installed system, proportional to the number of people living in the property. This is a key piece of information for controlling your enzyme supply consumption.

Programming:



The intuitive digital user interface allows for step-by-step dispenser setup in just minutes. Simply complete the basic information, including the date, time, desired dispensing days of the week, interval time between dispensings, and dispensing duration, and the system will do the rest.

Friendly to the enviroment:



This is an aqueous solution consisting of naturally occurring microorganisms, surfactants, and colorants. It is generally considered to be non-hazardous.

Applicatio Includes

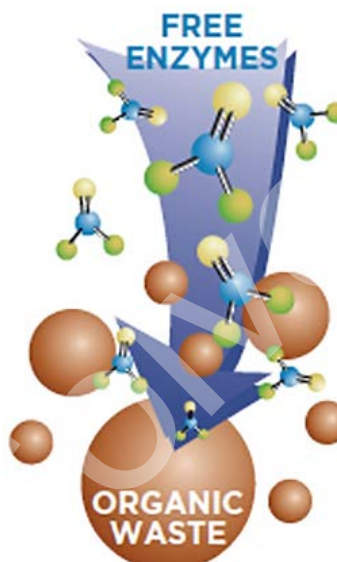
- Grease traps (restaurants, large kitchen institutions)
- Drain maintenance
- Odor control
- Dumpster ([Video 1](#), [Video 2](#))
- Trash chutes
- Food service
- Lodging
- Food processing
- Lift stations

## THE MECHANICS OF ORGANIC DIGESTION

The purpose of adding a bacterial digestant to organic waste is to hasten the process of decomposition without producing foul odors. Three basic elements needed to quickly and effectively break down waste. These elements are nutrients, free enzymes and bacterial cultures. Here's how it works:



**NUTRIENTS:** Promote bacteria growth and increase digestion activity



**FREE ENZYMES:** Break down complex waste molecules making digestion easier for bacteria



**BACTERIAL CULTURES:** Select bacteria digest and eliminate organic waste by converting it into its basic components carbon dioxide, and water



## ENZYME DIGESTANT



### PRODUCT USES

Enzyme formulation whose organisms digest and liquify oils, foods, fats and grease which clog and contaminate grease traps and drain lines. New and improved version introduced in June 2010.

### OPERATOR BENEFITS

- Safe on sinks and drains.
- Special bacteria cultures digest organic waste.
- Contains no harmful acids, solvents, nor caustics.

### DIRECTIONS FOR USE

**General Odor Control:** Eliminate blood, urine, smoke and feces in areas as garbage cans, waste receptacles, locker rooms, carpet, etc. Spray product directly on malodor and allow the bacterial action to digest the material while the pleasant fragrance immediately neutralizes the odor.

**Grease Traps:** For traps less than 20 cubic feet capacity, add 4-5 oz. of product daily, by pouring in a sink or pipeline closest to the trap. This should be done at night or when the traps are used the least. Flush with a cup of lukewarm water. For grease traps larger than 20 cubic feet, add 8-10 oz. daily using the same procedure.

**Drain Lines & Down Pipes:** Use product a minimum of 2 times weekly, to a maximum of 4 times. Add 4 oz. of product for each 2 inches of pipe size

### PRODUCT SPECS

<b>Pack size:</b> 4/1 Gal., 5 Gal.	<b>Color:</b> Milky
<b>Characteristics:</b> Non-viscous liquid	<b>Odor:</b> Fresh "out-doorsy"
<b>Rinsability:</b> NA	<b>Foam:</b> Low
<b>Flammability:</b> NA	<b>pH in conc. form:</b> 6.5 – 8.5
<b>Biodegradable:</b> Yes	<b>Phosphorous content:</b> 0.0%
<b>Colony Forming Units:</b> 200 billion cfu/gal.	

### IMPORTANT OPERATOR INFORMATION

#### SDS:

Refer to the Safety Data Sheet (SDS) supplied by your distributor for information on emergency response, safe usage, hazards, first aid and proper product handling.

**Emergency Response Phone:** 1-800-424-9300 - Product Ref. 108558

#### Statement of Practical Treatment:

**If swallowed:** Dilute by giving large amounts of water and call a physician.  
**For eye or skin contact:** Flush with cool water for 15 minutes and call a physician.

#### Product Precautions:

CAUTION: Harmful if swallowed.  
Irritating to eyes and skin.  
KEEP OUT OF REACH OF CHILDREN.

#### Shipping Classification:

Not Regulated



## Safety Data Sheet

### Section 1: Identification

Name: Solvedify II™	Date Issued: 4-19-15
Other Name: N/A	Solvedify II™: SO108558-BFY
Recommended Use: Digests grease & oils biologically	
Supplier Information: Solvedify, Inc. 501 Goodle RD North. Naples, FL 34102	
Emergency Telephone: 800-424-9300 Product Ref. 108558	Product Information: 888-427-8101 - Ref. 108558

### Section 2: Hazard(s) Identification

#### Potential Health Effects

Signal Word = Warning Label Elements:  
 Hazard Category:  
 Acute Oral Toxicity = 4 - Harmful if swallowed  
 Eye Damage/Irritation = 2B - Causes eye irritation



#### Precautionary Statement:

Prevention = Wash any contacted parts of the body after handling with soap and water thoroughly. Wear eye protection/face protection.

Response = If swallowed, contact a physician immediately and follow advice from medical professional. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Storage = Store containers in an upright position. Ensure container lids are in place and secure when not in use.

Disposal = Review all federal, state and local laws regarding disposal of this product.

Prolonged/Repeated Exposure Effects: See section 2 for acute affects

Eye: N/A

Skin: N/A

Inhalation: N/A

Ingestion: N/A

\*\*The above listed potential effects are compiled based on a review of all component SDS's\*\*

### Section 3: Composition Information on Ingredients

This is an aqueous solution containing naturally occurring micro-organisms, surfactants and colorants. It is generally considered as non-hazardous.

**%Phosphorus in product: 0%**

\*\*All components are considered non-hazardous and proprietary in their quantities\*\*

### Section 4: First Aid Measures

Eye: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.  
 Skin: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.  
 Inhalation: If symptoms are experienced, remove victim to fresh air. Obtain medical attention if irritation persists.  
 Ingestion: Obtain medical attention.

### Section 5: Fire Fighting Measures

Flash Point: N/A	Fire Fighting Methods: Use methods suitable for surrounding fire.
Auto ignition Temperature: Not Determined	
Flammability Limits: N/A	
Extinguishing Media: Select extinguisher suitable for surrounding fire	Unusual Fire Hazards: N/A

### Section 6: Accidental Release Measures

Containment and Clean up: Observe all personal protective equipment noted in sections 5 and 8. Observe local, state, and federal laws and regulations that may apply to a release and disposal of this material.

**Section 7: Handling and Storage**

Store containers in an upright position. Ensure container lids are in place and secure when not in use.

**Section 8: Exposure Controls**

PPE for Routine Handling and Spills: Wear safety glasses and chemical resistant gloves.

Eyes: Safety glasses recommended when handling large quantities.

Skin: Chemical protective gloves are recommended

Inhalation: No respiratory protection required.

**Section 9: Physical and Chemical Properties**

Physical Form: Liquid	Odor: Fresh "out doorsey"	Freezing/Melting Point: N/D
Color: Thin Milky	Specific Gravity: Similar to water	pH: 6.5-8.5
Boiling Point: N/D	Viscosity: N/D	Vapor Density: N/D
Vapor Pressure: N/D		

**Section 10: Stability and Reactivity**

Chemical Stability: Stable

Hazardous Polymerization: Will not Occur

Conditions to Avoid: N/A

Materials to Avoid: N/A

Hazardous Decomposition Products: N/A

**Section 11: Toxicological Information**

Special Hazard Information on Components: No known applicable information

Listed on NTP Report? No

Listed on IARC (Suspected Carcinogen)? No

**Section 12: Ecological Information**

Exotoxicity: N/D

Bio accumulative Potential: N/D

Persistence and Degradability: Similar to water

Mobility in Soil? N/D

**Section 13: Disposal Considerations**

Review all federal, state and local laws regarding disposal of this product.

**Section 14: Transportation Information**

DOT Shipment Information (49 CFR 172.101): Non Dot Regulated

**Section 15: Regulatory Information**

Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: None of the chemical substances appearing on this SDS are subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

EPA SARA Title III Chemical Listings: N/A

CERCLA Hazardous Substances: N/A

Section 311/312 Hazard Class: N/A

Section 313 Toxic Chemicals: N/A

**Section 16: Other Information**

Prepared by: J. Chantz Horman on 4/19/15. The industrial hygiene and safe handling procedures are believed to be applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.