

# BIO-GEL

*Biologically enhanced formula  
to remove organic debris*

- Synergized, Chlorine and Ammonia and pesticide resistant bacterial blend to effectively remove organic build-ups
- Bio-degradable, non-toxic, non-pathogenic, non-caustic
- Non-corrosive, salmonella-free and pathogen-free
- Reduces foul odors
- Superior cling properties reduces wash out
- Extra-long shelf life
- Constantly regenerates and consumes organic debris
- Improves drain flow and is safe for all drain lines
- Multi-purpose - Ready to use, tank mix, foamable, mix in mop water, trigger spray, in-line dispensing systems or hose-end applications
- Highly concentrated
- Fresh citrus scent
- Organism's primary focus on Oils, fats & greases, proteins and carbohydrates

**FOR USE IN AND AROUND:** Commercial, Industrial, Medical and Residential buildings such as: Garages, schools, meat packing facilities, food processing facilities, nursing homes, mortuaries, offices, supermarkets, restaurants, convenience stores, apartment complexes, transportation, terminals, boat/ships, and many more facilities. Can be used in food and non-food areas such as: Dumpsters, drain lines, outside drains, statuarys, compactors, overflow lines, grease traps, septic systems, loading docks, rendering vats, elevator pits, lift stations, trough drains, vault toilets, showers, ceramic tile floors and other areas where organic build-up is present.

## **Shake well before using**

**Drains:** For best results, flush drain with 2-gallons of warm water. Product should be applied at the end of the workday or any other time when the drain will be inactive. Drains with heavy organic build-up should be scrubbed or steamed out to remove

heavy debris prior to initial application.

**Initial Treatment:** Depending on conditions, apply 2-8 ounces of BIO-GEL per drain to establish adequate colonies throughout the drain line. Using a spray nozzle or the included pouring cap, liberally coat the surrounding areas including grout expansion joints and grate plates. Extra care should be given to coat the sides of the drain.

**General Maintenance:** Apply 2-4 ounces of BIO-GEL per drain each week.

**General Maintenance:** Apply 2-4 ounces of BIO-GEL per drain each week.

## **Surface Area Treatment:**

BIO-GEL is designed to be tank mixed for direct application to dumpsters, trash receptacles, dumb waiters, trash chutes, trough vats, and statuarys. Mix at a rate of 4-8 ounces of BIO-GEL

per gallon and apply with a low-pressure hand sprayer, power sprayer or mop completely cover the desired area. Do not permit traffic on the treated area until completely dry.

Repeat application as necessary.

BIO-GEL is formulated for use in mop water for degradation of organic debris on flooring, grout, expansion joints, and in the mop itself. Apply liberally. Directing overflow to drains will enhance overall performance and is consistent with the application suggestions for this product

BIO-GEL is formulated to go through in-line drain injection systems and hose end applications. Consult your system manual for specific flow rates.

BIO-GEL is formulated for grease trap and rendering vat applications.

BIO-GEL is not to be used as a ULV or fogging/atomizing application. Avoid spraying where excessive air movement could potentially cause spray back

## **CAUTION**

### **KEEP OUT OF THE REACH OF CHILDREN**

CAN BE HARMFUL IF SWALLOWED. Wash thoroughly with soap after handling. CAN BE HARMFUL IF INHALED. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. MAY CAUSE MODERATE EYE IRRITATION.

### **FIRST AID**

**IF SWALLOWED:** Call a physician or Poison Control Center. **IF INHALED:** Immediately remove victim to fresh air. If not breathing, give mouth-to-mouth artificial respiration. Get medical attention.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**STORAGE AND HANDLING:** Store in cool dry place. Avoid direct contact with the sun. Wash hands after direct contact. Avoid eye contact and inhalation. Keep away from children and domestic animals.

This label is for informational use only and is intended to be accompanied by an MSDS for further information. All uses may not be approved in all states contact PestWest at 866.476.7378 for additional information



PestWest Environmental LLC  
4363 Independence Court  
Sarasota, Florida 34234  
[www.pestwest.com](http://www.pestwest.com)

## MATERIAL SAFETY DATA SHEET

PestWest USA LLC  
DATE: May 16, 2002  
PO Box 21405  
Bradenton, FL 34204-1405

**FOR EMERGENCY CALL: (866) 476-7378**

### SECTION I IDENTIFICATION

Trade Name: Bio-Gel  
Chemical Family: Bacterial Suspension  
Chemical Name: No ICU name for this mixture is known to exist.  
D.O.T. Hazard Class: Not applicable  
D.O.T. Label (s): Not applicable  
D.O.T. Proper Shipping Name: Chemicals not otherwise indexed [NOI], non hazardous

### SECTION II PRODUCT COMPOSITION

INGREDIENT CAS NO. PERCENT TLV(ACGIH)

Ingredients are trade secret/proprietary.

Contains No Hazardous Components as Listed in 29 Cfr 1900.1000 or Other Pertinent Sections of Osha Regulations.

### SECTION III PHYSICAL DATA

State: Liquid  
Appearance: Yellow  
Odor: Lemon  
Boiling Point: N/A  
Vapor Density: N/A  
pH: 9.0 — 10.0  
Specific Gravity: 1.006  
Solubility in water: Complete

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point: Non determined (Aqueous solution)

Ignition Temperature: \*

Flammable limits: \*

\* Since this product is primarily an aqueous mixture, fire and ignition chances are remote.

Extinguishing media: No special requirements, water and foam are suitable.

### SECTION VI HEALTH HAZARD ASSESSMENT

First-aid procedures:

Skin: Remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse.

Eyes: Immediately flush with plenty of water for at least 15 min., and have examined and treated by medical personnel.

Inhalation: Remove victim to fresh air.

Ingestion: Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control center. Call poison control center.

### SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Wear approved respirator for nuisance dust during cleanup. For small spills, flush to waste treatment sewer (product is biodegradable). For large spills, contain and collect for reuse.

Disposal method: Disposal of this product or its residues must be in accordance with all local, state, and federal requirements.

### SECTION VIII SPECIAL PROTECTION INFORMATION

TLV or suggested control value: No TLV assigned to this mixture. Control of exposure to below the TLV for the ingredients (see SECTION II) will be sufficient. Minimize exposure in accordance with good hygiene practice. To maintain shelf life, avoid prolonged exposure to high temperatures and humidity. The ACGIH TLV'S shown in SECTION II are OSHA PEL's (Permissible Exposure Limits).

Ventilation: General mechanical ventilation.

Respiratory protection (specify type): None required for recommended use. Avoid creating aerosols in poorly ventilated areas.

Protective Clothing: None is required.

Eye protection: Chemical type face shield recommended.

Other protective equipment: Eyewash station in work area.

### SECTION IX SPECIAL PRECAUTIONS OR OTHER COMMENTS

Precautions to be taken in handling or storing: Prevent skin and eye contact. Avoid creating aerosol. Wash hands thoroughly with soap and water after use. Keep Out of Reach of Children

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Special fire fighting protective equipment: No distinctively hazardous decomposition products are known to exist, nor are there special firefighting requirements: however, self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual fire and explosion hazards: None known

### SECTION V REACTIVITY DATA

Stability: Stable under normal conditions.

Incompatibility (materials to avoid): Strong acids or alkali compounds may inactivate biological cultures.

Hazardous decomposition products: None

Hazardous polymerization: will not occur.

### SECTION VI HEALTH HAZARD ASSESSMENT

General: Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests.

Ingestion: No effect if ingested in small amounts. Relative to other materials, a single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

Eye contact: This material may cause eye irritation. Organisms used are nonpathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly-used antibiotics.

Skin contact: Slight redness on hands and forearms, if individual has a history of dermal allergic reaction.

Dermatitis and skin sensitization can develop after repeated and/or prolonged

contact with human skin.

Inhalation: Can cause allergic type response in susceptible or hypersensitive individuals upon repeated or prolonged exposure.

Other effects of overexposure:

### SECTION IX SPECIAL PRECAUTIONS OR OTHER COMMENTS

ALTHOUGH THE INFORMATION AND RECOMMENDATIONS SET FORTH IN THIS SHEET ARE BELIEVED TO BE CORRECT AS OF THE DATE HEREOF, PEST WEST, INC. MAKES NO REPRESENTATION AS TO THE COMPLETENESS OR ACCURACY OF SUCH INFORMATION AND RECOMMENDATIONS FOR SPECIALIZED APPLICATIONS. PEST WEST, INC. SHALL IN NO EVENT BE RESPONSIBLE FOR ANY DAMAGES OF WHATSOEVER NATURE DIRECTLY OR INDIRECTLY RESULTING FROM THE PUBLICATION OR USE OF OR RELIANCE UPON SUCH INFORMATION AND RECOMMENDATIONS FOR SPECIALTY APPLICATIONS. YOU ARE ENCOURAGED TO ADVISE ANYONE WORKING WITH OR EXPOSED TO SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN.

ADDITIONALLY, SINCE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE BY PEST WEST, INC. AS TO THE EFFECT OF SUCH USE, THE RESULTS TO BE OBTAINED, OR THE SAFETY AND TOXICITY OF THE PRODUCT NOR DOES PEST WEST, INC. ASSUME ANY LIABILITY ARISING OUT OF USE, MISUSE, BY OTHERS, OF THE PRODUCT REFERRED TO HEREIN.

INFORMATION PROVIDED HEREIN IS PROVIDED BY PEST WEST, INC. SOLELY FOR CUSTOMER'S ASSISTANCE IN COMPLYING WITH THE OCCUPATIONAL SAFETY