Betco's commitment to sustainability has a long legacy, dating back to the introduction of the Green Earth® brand in 1990, which is a symbol of environmentally responsible chemistry that is safer for the planet and the user. As the technology improved, so did our sustainable products and we expanded into floor finish, hand hygiene, and even microbial cleaning.

We know that people won’t use sustainable products over and over if they don’t work as well as conventional products. So, we tested every sustainable product against traditional chemistries.

Betco sustainable products perform equal to or better than conventional products.

What it means to be Sustainable:

We are Certified.

We are Tested.

We are Proven.

Certifications

All our sustainable products are either third-party or Green Earth® certified.

- **UL EcoLogo®**
  ECOLOGO Certifications are voluntary, multi-attribute, lifecycle based environmental certifications that indicate a product has undergone rigorous scientific testing, exhaustive auditing, or both, to prove its compliance with stringent, third-party, environmental performance standards.

- **Green Seal®**
  Green Seal develops standards that clearly define sustainability leadership for products, cleaning services, hotels, and restaurants. Each standard has been developed following a science-based approach and an open, transparent stakeholder consensus-based process.

- **USDA BioPreferred®**
  The USDA BioPreferred label program recognizes products that have been independently certified to meet the USDA BioPreferred program standards for biobased content.

- **Green Earth®**
  Industry-best product performance—Green Earth products must meet or exceed traditional products. This performance is verified by third-party lab testing or testing designed and performed in Betco laboratories. Must be environmentally friendly—Green Earth products meet the strictest environmental standards, from low VOC emission to readily biodegradable products. Must be safer for the user—Products are Non-toxic, non-flammable products that are formulated without suspected carcinogens, mutagens, or reproductive toxins.

Lab Testing

These high-performing products have been verified by external or internal lab testing.

- Internal lab testing found most of the green products performed equal to or better than conventional products.

- Betco’s Research and Development Lab performed practical testing for all green products against conventional products using the same application including soap scum, dirt, and soil removal.

- Results were confirmed by visual observation as well as standard ASTM evaluation methods.

Proven Performance

Betco sustainable products have attained a tried and true status through use in successful programs for over 30 years.

- Developed and implemented sustainable cleaning programs in schools, universities, and healthcare and office buildings.

- Versatile products helped consolidate multiple conventional products into a fewer sustainable products.

- Betco sustainable products help our customers receive LEED certification and comply with new state and local green cleaning mandates.
Betco’s BioActive Solutions™ combine traditional cleaning chemistry with non-harmful bacteria to provide superior cleaning and residual odor control.

**SUSTAINABILITY BENEFITS:**

- Continuous cleaning long after initial product application
- Complete odor control
- Bacteria produce targeted enzymes that degrade various food sources, from fats, oils, and greases to uric acid and industrial soils
- Safer chemistry than traditional cleaners and degreasers, as they have a neutral pH
- Downstream benefits of bacteria—always digesting waste with no harsh caustics or acids, which saves on costly water treatment and eliminates potential backups in buildings’ plumbing, waste collection systems, and municipal wastewater systems

**How do BioActive Solutions work?**

1. **Microbes create enzymes.**
2. **Enzymes breakdown waste.**
3. **Microbes digest waste.**

**EFFECTIVE**
- Break down organic waste and help prevent buildup
- Formulated for specific soils and applications

**SAFER**
- Less hazardous than typical cleaning products, because non-pathogenic microbes offer a safer formula versus harsher products with caustics or acids
- pH neutral formulas are safer for cleaning applications

**CONTINUOUS**
- Continue to work long after the application
- Continuously breaking down organic matter will reduce labor costs

**BioActive Solutions™ DT 7**

- SOILS TESTED: Motor oil, cheese, chocolate, oil basedpaint, butterfat, canola oil, fried beef
- PRODUCT USED: BioActive Solutions No-Rinse Floor Cleaner

**SPOTLIGHT**

“I love the BioActive Solutions line. In higher education, we have a lot of issues with restrooms smelling like urine, and I have been turning everyone to BioActive Solutions. It does a great job at eliminating odors.”

- Facilities Supervisor

**BioActive Solutions™ DT 7 contains** a blend of microbial species that degrade grease and short and long-chain fatty acids, which are the root causes of clogged drain lines and grease traps.

- Microbial Cleaning Certified
- Proven Performance

**BioActive Solutions™ Products Benefits**

- **Effective:** Microbial species continue to degrade buildup through the entire wastewater system without the harsh caustics and acids used in traditional products.

- **When & Where:**
  - Manufacturing plants, transit systems, engine rooms, bilges, holding tanks, automobile oil bays, concrete docks, anywhere traditional industrial degreasers are used.
  - Restaurants, convenience stores, bars. Apply at the close of the day when traffic is light.
  - Kitchens, convenience stores. Apply at the close of the day when traffic is light.
  - Restaurants, carpets, floors, drains. Apply when traffic is light.

- **Benefits:**
  - Eliminates sugar snakes, which clog the drain lines and are extremely difficult to remove. Reduces plumber service calls.
  - Clears fibers and truly degrades odors at their source.
  - Reduces slip and fall accidents. Degrades grease buildup on kitchen floors. Brightens grout lines.
  - One product for multiple uses. UL Ecologo certified.
Green Earth® Peroxide Cleaner

- **The one-product solution!**
- Lab Tested (see photos)
- Green Seal Certified
- UL EcoLogo Certified.
- Proven Performance

According to a school system in the Eastern US—there are statewide mandates for green finishes, in fact, states are actually providing funds to switch to green products. Other green finishes were powdery, slippery, expensive, hard to apply, and required a special pad to maintain the floor. Green Earth Prelude Finish and Sealer, however, was simple to apply, required no special maintenance, and retained its shine with heavy foot traffic.

Green Earth® Prelude Finish and Sealer

- Shines like a conventional finish with no zinc!
- UL EcoLogo Certified. Proven Performance

For reasons ranging from satisfaction of school mandates to attaining LEED certification, facility managers are looking for environmentally friendly floor finishes with a shine as brilliant and long-lasting as conventional finishes.
Hand Hygiene

Green Earth® Clear Foaming Skin Cleanser

**SPOTLIGHT**

Green Earth® Clear Foaming Skin Cleanser is Dye-Free/Fragrance-free effective skin cleansing! It will not cause dryness or skin irritation, encouraging frequent hand washing. Green Earth Clear Foaming Skin Cleanser contains no additives, colors, or fragrances (all of which are frequently cited as ingredients that cause allergic reactions), making it suitable for use even by the most sensitive individuals. According to the Centers for Disease Control and Prevention (CDC):

- The number of American children who suffer from skin care allergies has increased dramatically in recent years

UL EcoLogo Certified

**Products When & Where Benefits**

<table>
<thead>
<tr>
<th>Products</th>
<th>When &amp; Where</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Earth® Foaming</td>
<td>For frequent hand</td>
<td>Maintains skin health with emollients and skin conditioners. UL EcoLogo Certified.</td>
</tr>
<tr>
<td>and Lotion Skin Cleansers</td>
<td>washing in all</td>
<td></td>
</tr>
<tr>
<td>Foaming Antibacterial</td>
<td>settings.</td>
<td></td>
</tr>
<tr>
<td>Skin Cleanser</td>
<td>Use in healthcare or</td>
<td>Mild formula, does not cause dryness or skin irritation. USDA BioPreferred Certified.</td>
</tr>
<tr>
<td>Foaming and Gel Alcohol</td>
<td>anywhere germ</td>
<td></td>
</tr>
<tr>
<td>Hand Sanitizer</td>
<td>are a concern.</td>
<td>Gentle yet effective hand sanitizer. Kits 99.9% of common germs in 15 seconds. USDA BioPreferred Certified.</td>
</tr>
</tbody>
</table>

Restroom Care

Smart Restroom System

**SPOTLIGHT**

“Smart Restroom System contributed towards earning LEED points, and we are on track to save in excess of 2.5 million gallons of water this year, and would definitely recommend this system as a valuable addition to your water conservation efforts.”

-Nationwide Arena

**Products When & Where Benefits**

<table>
<thead>
<tr>
<th>Products</th>
<th>When &amp; Where</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SmartVALVE® Auto® Kits</td>
<td>Standard flushing</td>
<td>Water and cost savings without having to remove existing urinal. Can be programmed for 2, 4, 6 or 8 hour cycles. Sleep mode for extended periods of non-use. Earn up to 5 LEED points for a 70% water reduction goal.</td>
</tr>
<tr>
<td>(Ocean Breeze and Citrus Bouquet)</td>
<td>urinals where there</td>
<td></td>
</tr>
<tr>
<td></td>
<td>is minimal maintenance.</td>
<td></td>
</tr>
<tr>
<td>SmartVALVE® Manual Kits</td>
<td>Standard flushing</td>
<td>Water and cost savings without having to remove existing urinal. Key activation allows maintenance</td>
</tr>
<tr>
<td>(Ocean Breeze and Citrus Bouquet)</td>
<td>urinals where</td>
<td>professionals to flush urinals only as needed. Earn up to 5 LEED points for a 70% water reduction</td>
</tr>
<tr>
<td></td>
<td>maintenance is</td>
<td>goal.</td>
</tr>
<tr>
<td></td>
<td>regularly performed.</td>
<td></td>
</tr>
<tr>
<td>SmartSCREEN®</td>
<td>Use with SmartVALVE</td>
<td>Contains non-harmful bacteria and chelating agents to eliminate odors and prevent scale buildup. Enzyme-producing bacteria quickly breakdown uric and hard water scale.</td>
</tr>
<tr>
<td>(Ocean Breeze and Citrus Bouquet)</td>
<td>to eliminate odors</td>
<td></td>
</tr>
<tr>
<td></td>
<td>and prevent clogs.</td>
<td></td>
</tr>
</tbody>
</table>
Betco’s Sustainability Commitment

At Betco®, being environmentally responsible is a company standard. We are committed to developing products, programs, and procedures that meet or exceed health and environmental standards, and we are continually investing in the future of clean. We recently completed a state-of-the-art manufacturing plant for the mixing and blending of bacterial strains that are custom formulated for our BioActive Solutions® line, making Betco the only manufacturer who blends their own bacterial strains onsite.

But we didn’t stop there; we designed our new facilities to help reduce the environmental impact of manufacturing and preserve natural resources. Below are just a few highlights that we incorporate in all Betco manufacturing plants:

1. Wastewater Pre-treatment—A commitment to ensure that all our water is completely clear before discharging to the treatment plant.
2. Electricity—Incorporation of smart lighting, including LED lights that shut off when the room is not in use.
3. Air Quality—Engineered a dust collection system to improve the air our team members are breathing when fine powders are being used in manufacturing. It also prevents our facility from emitting dust into the environment.
4. Water Conservation—An advanced piping clean-out system to squeegee out pipes between chemical production runs.
5. Recycling—Recycled content in all packaging. Recycling centers throughout Betco’s plant and programs to encourage all employees to recycle.
6. Renewable Resources—Increasing the use of renewable resources in all of our product packaging.
7. Sustainable Packaging—Betco is changing its outer packaging from bleached white to natural brown. Although this sounds like a minor change, the environmental impact is substantial:
   - 14% reduction in net energy (MM BTUs)
   - 22% reduction in greenhouse gases
   - 11% reduction in air pollutants
   - 14% reduction in water pollutants

<table>
<thead>
<tr>
<th>Item #</th>
<th>Size/Case</th>
<th>Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10035-00</td>
<td>4 - 1 gal. (3.78 L)/cs.</td>
<td>Ready-To-Use</td>
</tr>
<tr>
<td>10036-00</td>
<td>4 - 1 gal. (3.78 L)/cs.</td>
<td>Ready-To-Use</td>
</tr>
<tr>
<td>10037-00</td>
<td>4 - 1 gal. (3.78 L)/cs.</td>
<td>Ready-To-Use</td>
</tr>
</tbody>
</table>

Available Sustainable Products