



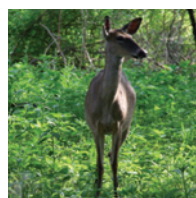
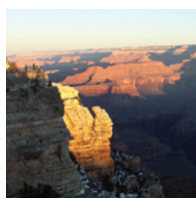
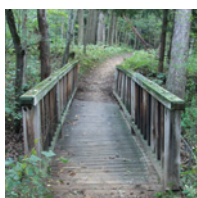
Spartan Sustainable Products



Quality Maintenance and Chemical Specialty Products to Meet the Needs of Professionals



Spartan Sustainability Initiatives



Bridging the Gap Between Chemistry & Sustainability

Spartan is focused on continuing our leadership role within the sustainability movement. While we continue to make advancements in sustainable products, we are making adjustments in our operations to reduce our carbon footprint as well. At Spartan, we are active sustainability participants, not just a product manufacturer. Below are some of the steps we are taking to decrease our environmental impact and enhance our corporate responsibility.

Energy Use & Greenhouse Gas (GHG) Emissions

- >25% reduction in energy usage
- >20% reduction in annual Greenhouse Gas (GHG) Emissions:
 - = GHG emissions of 144 passenger cars
 - = CO2 emissions of 1753 barrels of oil
 - = annual energy usage of 91.5 homes
- 18-21% reduction in the GHG Emissions embedded in each gallon of product
- 54% reduction in vending machine energy usage

Waste Disposal

- Over 65% of our waste is recycled, rather than landfilled
- Over 250 tons of materials recycled annually
- Recycling Program for production, office and employee waste

Resource & Material Usage

- On-site ponds supply automated irrigation management
- 75% of Spartan's property remains naturally vegetated
- 71 acres agriculturally farmed
- Landscape debris is composted
- Facility-wide Green Cleaning Program w/ Green Solutions and BioRenewables
- All literature contains 10-30% recycled paper
- >50% of literature is sent in electronic form only

Sustainable Packaging

- Save 60 tons of virgin plastic resin annually through use of a lower weight plastic container
- 100% recyclable corrugated containers
- 2/3 corrugated containers made from sustainable sources
- Recycled office paper creates white cartons – NOT bleach
- Estimated environmental savings based on one year for corrugated cardboard production:
 - Trees conserved – 14,185
 - GHG conserved – 1087 metric tons
 - Energy conserved – 7444 million BTUs
 - Water conserved – 5,840,800 gallons
 - Wastewater creation avoided – 7,429,929 gallons
 - Landfill space saved – 2754 cubic yards

Spartan Sustainable Products

In the five categories of our Spartan Sustainable Products, we offer many Environmentally Preferable options that enable you to clean for health.

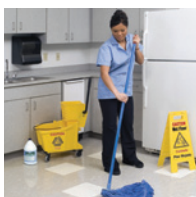
Contrary to the myths of the past, these products work just as well as traditional cleaning products. Using sustainable products is not more expensive than a traditional cleaning program either, that is just another misconception.

Keeping facilities clean without negatively affecting the health of its occupants and custodial staff is the primary goal of a "green" or sustainable program.



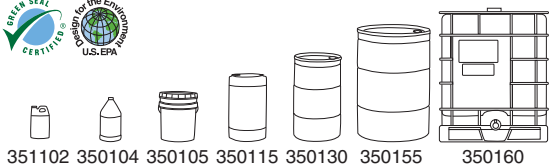


Clean for Health - Clean for Environment



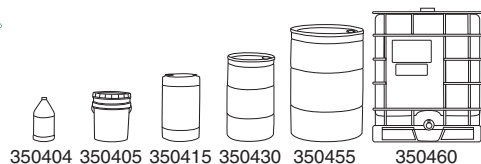
Green Solutions® All Purpose Cleaner

Quickly penetrates, and emulsifies soils. Removes light to medium soils. No fragrance, dye or VOCs. Versatile – use on any surface not harmed by water. Spray, wipe, or mop.



Green Solutions® Floor Seal & Finish

Superior leveling for faster recoat and fewer errors. Exceptional clarity, depth of gloss, and superior durability without yellowing. No heavy metals, no unpleasant odors. Save time with this easy-to-maintain finish.



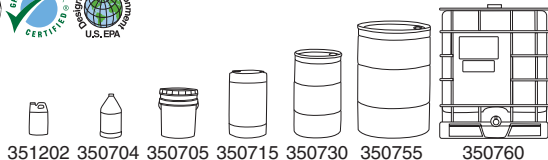
Green Solutions® Carpet Cleaner

Penetrates quickly for fast and easy soil removal. Use in all types of extraction equipment. Dries to a crystal for easy vacuum removal. Non-residual formula prevents resoiling. No fragrance, dye, VOCs, or solvents. Safe to use on stain-resistant, untreated, and wool carpets.



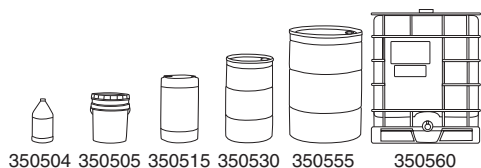
Green Solutions® Glass Cleaner

Penetrates soil for fast and easy removal. Dries quickly without streaking. No fragrance, no dye, no VOCs, no ammonia. Ideal for use on glass, windows, mirrors, countertops, chrome trim, display cases, fluorescent lights, and salad bar/deli/fast food sneeze guards.



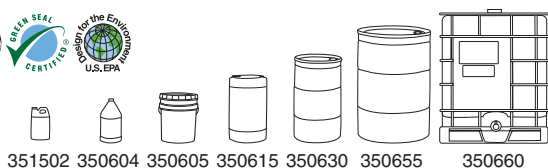
Green Solutions® Floor Finish Remover

Use 24 hours a day – anytime and anywhere. Low VOCs and low odor – ideal for confined areas and where strong odors are a problem. Easily removes Green Solutions Floor Seal & Finish and other cross-linked finishes.



Green Solutions® Industrial Cleaner

Quickly penetrates and removes petroleum-based soils. No fragrance, dye or VOCs. Works effectively to clean up motor oil, hydraulic fluid, stamping oils, and lubricant. Ideal for use in manufacturing plants, printing houses, auto repair shops, dumpsters, loading docks, and mass transit systems.





Sustainable Products for a Sustainable Future



BioRenewables® Glass Cleaner

This versatile and easy to use product contains 81% bio-based material. It removes tough soils such as grease, smoke, oils, tape residue, food stains, dust and dirt from window glass and sills, mirrors, countertops, chrome, fluorescent lights and tubing, and any other glass or mirror finish.



TriBase® Multi Purpose Cleaner

A 72% bio-based product, formulated with corn, coconut and palm kernel surfactants. TriBase cleans a multitude of soils with no VOCs. It is biodegradable and works on glass, mirrors, floors, walls, restroom and kitchen surfaces and tile; almost any surface not harmed by water.



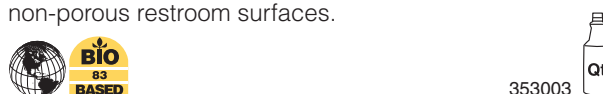
BioRenewables® Glass Cleaner RTU

A convenient, ready-to-use version of the BioRenewable Glass Cleaner. Ideal for work environments where dispensers are not readily available or an RTU product is desired.



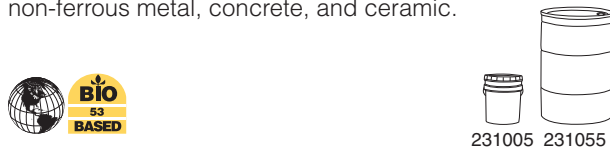
BioRenewables® Restroom Cleaner

A citric acid-based, toilet, urinal and shower room cleaner/deodorizer that contains 83% bio-based material. It removes soap scum, water spots, light rust and is safe to use in urinals, shower rooms and other similar hard, non-porous restroom surfaces.



BioRenewables® Industrial Degreaser

Formulated with soybean oil technology and boosted with d-Limonene, it contains 53% bio-based material. Removes grease, dirt, cosmoline, tar, many inks, most adhesives, and industrial oils. Safe to use on ferrous and non-ferrous metal, concrete, and ceramic.



BioRenewables® Waterless and Waterless Plus Hand Cleaners

These hand cleaners are made with a soybean-solvent base to remove heavy-duty soils safely and easily. Produced with 80% bio-based material, they also contain a unique blend of surfactants to emulsify soils. Waterless Plus has pumice to lift away ground-in grime.



Graffiti Remover SAC®

A ready-to-use product of soybean and corn esters. A safer solvent alternative to petroleum based solvents, such as toluene. Removes graffiti as well as scuff marks, wax residue and adhesive. Safe to use on glazed tile, stainless steel, fiberglass, metal, marble, chrome, aluminum, glass, Formica®, Lexan®, and porcelain.



Lite'n Foamy® Sunflower Fresh & Citrus Fresh

These hand, hair and body washes are formulated with 85% bio-based ingredients. The products are for use with Spartan's Lite'n Foamy bulk-fill dispensers. Automatic and counter mount dispensers are also available.

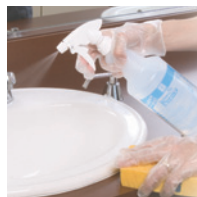


DID YOU KNOW? The Spartan bio-based seal guarantees the percentage of bio-based content in each product. All of Spartan's BioRenewables products are tested by an outside, USDA approved laboratory to certify the percentage of bio-based raw materials found in the product.

Using these products promotes North American agriculture and reduces our dependence on foreign oil.



An Environmental Approach to Laundry



Environmental Initiative

Spartan sought to identify ingredients that fit environmentally preferable profiles established for green cleaning applications. We utilized them in our laundry care products, without compromising product performance.

Sustainable Characteristics of Clothesline Fresh

- All surfactants are on DfE's (Design for the Environment) CleanGredients® list.
- Readily biodegradable.
- Bio-based surfactants are used whenever possible and when petroleum-derived surfactants are used; they are readily biodegradable as well.
- Bio-based surfactants are derived from soy, corn, and coconut oil.
- Formulated with the EPA's Presidential Green Chemistry Challenge award winning chelants.
- Polymeric chelant and anti-encrustation aide entirely derived from chicory root.
- Natural bio-based acids as neutralization aides (citric acid).

Clothesline Fresh Products Contain

- No or low VOCs
- No Phosphates
- No Silicates
- No Harsh Solvents
- No Alkylphenol Ethoxylates
- No Nitrilotriacetic Acid (NTA)
- No Toxic/Persistent Components or By-products
- No Ozone Depleting Chemicals

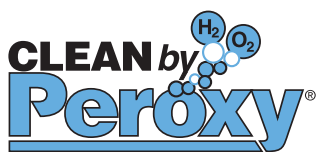
Why use the DfE® Award Winning Surfactants?

The DfE criteria were followed to give end-users a choice to use modern technology that supports *green* and sustainability efforts.

High Efficiency Formulations

Clothesline Fresh products are high efficiency formulations and are ideal for use in conjunction with other smart environmental choices you make including:

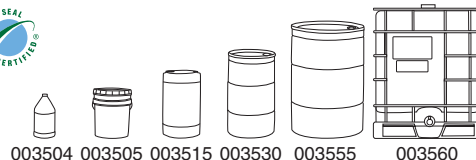
- Use high efficiency equipment
- Automatic dispensing
- Cool and cold-water temperatures
- Decreased wash cycle time
- Increase use of ozone injection systems



All-Purpose, Hydrogen Peroxide Based Cleaner

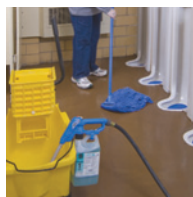
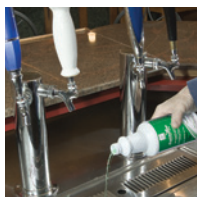
- Clean by Peroxy has powerful oxidizing capabilities that react with organic soils, creating effervescent bubbles to quickly lift away grease and grime.
- Made with hydrogen peroxide which breaks down into oxygen and water.
- Save labor, confusion and inventory space by replacing numerous products with just one.... Clean by Peroxy can be used at 1:128 for glass cleaning and 1:10 for heavy duty cleaning.

- Non-viscous, biodegradable, phosphate free and easily waste treatable.
- Versatile, Clean by Peroxy can be used on grout, glass, heavy-duty cleaning and degreasing, mopping of floors and carpet extraction.





Organic Cleaning at Its Best



Consume®

Multi-functional at its best! Consume is a cleaner, odor eliminator, stain remover, and drain maintainer. It naturally removes difficult organic soils from many surfaces including tile, concrete, steel, and carpet. Regular use of Consume eliminates organic build-up in drains, keeping them clear and odor-free. Cleans and eliminates odors on floors, in dumpsters, recycling containers, and portable toilets. Ideal for cleaning and odor control in many areas, such as carpets, drains, dumpsters, and more!



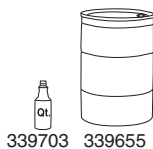
Consume Eco-Lyzer®

All in one, Eco-Lyzer is a neutral disinfectant cleaner with residual odor control. EPA Reg. No. 5741-24. Patented cleaning technology (**US Patent #6,165,965 & #6,180,585**) that reduces janitorial labor by cleaning, disinfecting, and digesting residual organic soils with one product. Multi-surface safe with a neutral pH, Eco-Lyzer is safe to use on most floors, including concrete, ceramic, terrazzo, marble, slate, rubber, VCT, and painted surfaces. Use in bathrooms, stadiums, zoos, kennels, dumpsters, trash bins, loading docks, and portable toilets.



Consume Bio-Bowl®

A natural acid toilet, urinal, and shower room cleaner with organic digesters and bio-based cleaning agents to effectively remove hard water, urine deposits, and related odors. The unique blend of digesters and bio-based acid controls foul odors, digesting urine build-up in pipes to keep them free flowing and odor free. Consume Bio-Bowl is a ready-to-use product, so there is no mixing necessary. Bio-Bowl can be used in urinals, toilets, and drains.



Consume® FWD

Consume FWD is a farm waste digester that effectively controls foul odors at their source, reduces sludge build-up, and breaks down manure in lagoons. FWD is ideal for use in poultry, swine, dairy, and equine farms. The unique digesters efficiently control odor-causing materials such as ammonia, hydrogen sulfide, and volatile fatty acids. Consume FWD provides digesting activity even in cold weather, maintaining the waste system year-round. Use of Consume FWD speeds up the composting process, making fertilizer more readily available.

5-gallon pails
with scoop
310605



By using 100% post consumer recycled paper, the printing of this brochure has saved:

- 11 trees preserved for the future
- 31 lbs waterborne waste not created
- 4,567 gallons waste water flow saved
- 505 lbs solid waste not generated
- 995 lbs net greenhouse gasses prevented
- 7,616,000 BTUs energy not consumed

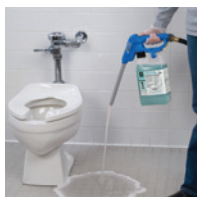
primary values were derived from information publically available at:
www.epa.gov/cleanrgy/egrid/index.htm and
www.environmentaldefense.org/documents/1687_figures.pdf

KEY

	Product available worldwide.
	This product is Green Seal™ Certified.
	Formulated in partnership with the Environmental Protection Agency's Design for the Environment program.
	WOOLSAFE approved maintenance product for wool and wool-rich carpets.

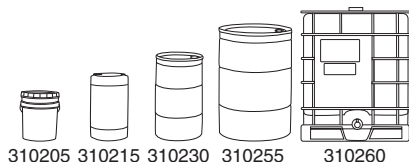


Organic Cleaning at Its Best



Consume® LIQ

Liquid wastewater treatment naturally digests organic soils (sugars, carbohydrates, proteins, and fats) in drains, grease interceptors, septic tanks, lift stations, and wastewater systems. It maximizes efficiency of grease interceptors and septic tanks to minimize operating costs. Routine application of Consume LIQ reduces BODs (Biochemical Oxygen Demand), FOGs (Fats, Oils, Greases), and TSSs (Total Suspended Solids). Additionally, it can reduce the volume of sludge and costs associated with disposal.



Consume® POW

A powdered wastewater treatment that naturally cleans by assisting in the removal of organic soils in grease interceptors, septic tanks, drain fields, lift stations, and wastewater systems. Consume POW digesters speed up the natural digestion process of organic soils and difficult compounds including phenols and cellulose, saving time. Routine application of Consume POW reduces BODs, FOGs, and TSSs. It speeds recovery from system washouts and slugs. POW improves system stability, lowering maintenance needs, saving time and money.

5-gallon pails
with scoop
310405



Fifty, 1/2 lb
packets
310505



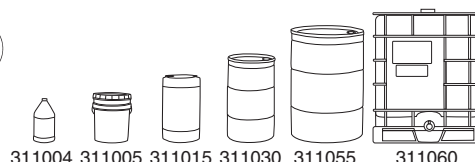
Consume Micro-Muscle®

An industrial strength degreaser with odor control, Micro-Muscle quickly penetrates and digests petroleum-based soils such as: motor oil, hydraulic fluid, stamping oils, and lubricants. It has residual organic digesters for ongoing odor control. Micro-Muscle helps degrade petroleum soils found in waste treatment systems flowing downstream. Use in manufacturing, print shops, repair shops, dumpsters, loading docks, and mass transit systems.



Contempo CX3 Bio-Assist®

A heavy-duty soil extraction carpet cleaner with Consume's digestive power, CX3 has organic digesters stay behind for residual odor control and waste removal. It is low foaming, non-corrosive, phosphate free, biodegradable and non-flammable. Ideal for nursing homes, day cares, schools, restaurants, casinos, food handling areas, pet facilities, or anywhere carpet odor problems may be a nuisance.



Consume® MP

MP is a Mosquito Control Product and is an EPA Registered Pesticide (62637-3-5741). It kills mosquito larvae before they mature by interfering with their digestive systems. Easy to use – just toss into standing water – no mixing or spraying. MP will not harm livestock, birds, or other wildlife. Ideal for irrigation and retention ponds, ditches, pastures, ponds and lakes, and golf course ponds.

2-gallon pails
containing ten
1-lb. (454 g)
packets.
321600



Consume Drop-in-a-Drain®

A convenient, single dose natural drain treatment, Drop-in-a-Drain naturally digests drain line build-up and blockage. Its unique single dose comes in water soluble dosing packets. Drop-in-a-Drain is easy to use and great showers, sinks, septic systems, floor drains, beer and soda tap drains.



336 packets in
2 pails
320500



DID YOU KNOW? Nature utilizes the fundamental process of biological decomposition to convert organic waste material back into essential nutrients and other chemical elements. This "Nature's Way" of recycling is carried out by billions of naturally occurring microorganisms found in our environment. Spartan formulated the Consume Nature's Way products to harness the ability of the microorganisms to use organic waste as their energy (food) source.

Glossary of Terms

Bio-based Product: A commercial or industrial product (other than food or feed) that utilizes biological products or renewable domestic agricultural (plant, animal, and marine) or forestry materials.

CIMS-GB: A product of ISSA, the Cleaning Industry Management Standard Green Building, sets forth a management framework designed to assist in developing quality, customer-centered organizations, based on universally accepted principles that have proven to be the hallmarks of well-managed, successful cleaning operations. www.issa.com/standard

DfE: The Design for Environment (DfE) program is an EPA partnership program which partners the EPA with individual industry sectors to compare and improve performance, human health and environmental risks of existing and alternative products. www.epa.gov/dfc

Energy Star: A voluntary labeling program of the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy that identifies energy-efficient products. www.energystar.gov

Environmental Choice Program (ECP): A Canadian organization that creates green standards for a variety of products and provides product certification. www.environmentalchoice.com

Environmentally Preferable: Products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose.

EPA: The U.S. Environmental Protection Agency. Its mission is to protect human health and the environment. www.epa.gov

EPP: Environmentally Preferable Purchasing is a federal-wide program that encourages and assists Executive agencies in the purchasing of environmentally-preferable products and services. www.epa.gov/epp

Forest Stewardship Council: Items carrying the FSC label are independently certified to assure consumers that they come from forests that are managed to meet the social, economic and ecological needs of present and future generations.

Green Cleaning: Incorporates products and methods that help improve the health and environment of a building and its occupants.

Green Cleaning University: Provides education and resources to develop knowledge of the issues, skills and techniques for creating and maintaining healthy, high-performance facilities. www.greencleaninguniversity.org

Green Guidelines for Healthcare: The healthcare sector's first sustainable design toolkit integrating enhanced environmental and health principles and practices into the planning, design, construction, operations and maintenance of their facilities. www.gghc.org

Green Hotels Association: Brings together hotels interested in environmental issues and encourages, promotes and supports the "greening" of the lodging industry. www.greenhotels.com

Green Label: The Carpet and Rug Institute's (CRI) indoor air quality standards for carpet, adhesives and cushion materials. www.carpet-rug.org

Green Seal™: An independent, non-profit organization that creates green standards for a variety of products and provides product certification. www.greenseal.org

Greenstar Certified: Its purpose is to achieve a cleaner, healthier and sustainable world through the identification and promotion of products that are produced and used in an environmentally-sound manner. www.greenstarcertified.org

Healthy Schools Program: Provides real solutions to help schools become healthier places for both students and teachers. www.healthyschools.org

HE (high efficiency): Concentrated laundry detergents that are low-sudsing and for use with low water, high-efficiency washing machines

Hospitals for a Healthy Environment (H2E): Its purpose is to educate health care professionals about pollution-prevention opportunities and provide a wealth of practical tools and resources to facilitate the industry's movement toward environmental sustainability. www.h2e-online.org

IAQ: Indoor Air Quality deals with the content of interior air that could affect health and comfort of building occupants. The IAQ may be compromised by microbial contaminants, chemicals, or any mass or energy stressor that can induce health effects.

LEED: Leadership in Energy and Environmental Design Building Rating System created by the USGBC.

LEED-CI: LEED for Commercial Interiors is the recognized standard for certifying high-performance green interiors that are healthy, productive places to work, are less costly to operate and maintain, and reduce environmental footprint.

LEED-EB & OM: LEED for Existing Buildings is a set of performance standards for the sustainable operation of existing buildings where the majority of the interior or exterior surfaces remain unchanged.

LEED-NC: LEED for New Construction and Major Renovations. LEED-NC is a green rating system for new and existing commercial and institutional buildings.

Reduced-risk: Industry terminology that indicates an environmentally-preferable disinfectant.

Sustainability: To clean in a way that will not harm future generations' ability to do the same thing by minimizing the impact of cleaning on people and the environment.

Sustainable Products: Sustainable (green) products have less environmental and human health impact than other products in the same category and with the same function.

Tools for Schools (TfS): Tools for Schools is a program developed by the EPA to help schools improve the indoor-air quality of their buildings. www.epa.gov/iaq/schools

U.S. Green Building Council: A membership organization comprised of owners, manufacturers, service providers, and architects that has become the leading proponent of green building in the United States. www.usgbc.org

Volatile Organic Compounds (VOCs): Gases which are emitted from certain solids or liquids. VOCs include a variety of chemicals, some of which may have short and long-term adverse health effects.

WOOLSAFE: A worldwide accreditation program for the promotion and proper care for wool carpet and upholstery. In addition, it identifies carpet and cleaning chemicals suitable for use on wool.

Distributed by:



ISSA MEMBER
The Experts
on Cleaning and Maintenance



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1-800-537-8990
www.spartanchemical.com

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Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of these or any Spartan product. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan Distributor or by visiting www.spartanchemical.com.

Guarantee: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.