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SUSTAINABILITY MADE SIMPLE[®]

Spartan Chemical Company

Sustainable Cleaning Program[®]

Because your
world is busy
enough.



Sustainable Products

In the six 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, and using sustainable products is not more expensive than a traditional cleaning program.

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

Spartan Sustainability Initiatives

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

- On-site ponds supply automated irrigation management
- 75% of property remains naturally vegetated
- 71 acres agriculturally farmed
- Landscape debris is composted
- Facility-wide Green Cleaning Program with Green Solutions® and BioRenewables®
- All literature contains 10–30% recycled materials

Energy Use and Greenhouse Gas (GHG) Emissions

- > 25% reduction in energy usage
- > 20% reduction in annual 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

BioRenewables®

simplifill®/Bulk #3835
Clean on the Go® #4835

BioRenewables® Glass Cleaner

BioRenewables Glass Cleaner is a bio-based product designed to clean mirrors, glass, and Plexiglas® surfaces. For use on window glass, panes and sills, mirrors, counter-tops, chrome, automobile glass, fluorescent lights and tubing, and any other glass or mirror finish. BioRenewables Glass Cleaner removes tough soils such as grease, smoke, oils, tape residue, food stains, dust, and dirt.

pH (Concentrate): 8.0 – 9.0

Dilution: 2 oz/gal

Available Sizes: 1, 5, 15, 30, 55, 275 gal; simplifill®, Clean on the Go®



BioRenewables® Glass Cleaner RTU

#3239

BioRenewables Glass Cleaner is a ready-to-use, bio-based product designed to clean mirrors, glass, and Plexiglas® surfaces as well as remove tough soils such as: grease, smoke, oils, and dirt. The simple spray on and wipe off formula can be used to clean and polish any hard surface not harmed by water such as: windows, mirrors, counter-tops, chrome, automobile glass, and any other glass or mirror finish.

pH (Concentrate): 7.5 – 8.5

Dilution: Ready-to-use

Available Sizes: 1-quart



BioRenewables® Industrial Degreaser

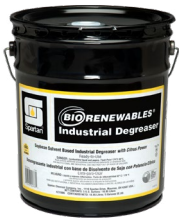
#2310

BioRenewables Industrial Degreaser is a user-friendly, industrial strength degreaser designed to be used in concentrate form. Formulated with soybean oil technology and boosted with d-limonene, this degreaser tackles even the toughest tasks. 100% active, BioRenewables Industrial Degreaser works in many medium to heavy duty cleaning tasks.

pH (Concentrate): N/A

Dilution: Straight

Available Sizes: 5, 55 gal



BioRenewables® Restroom Cleaner

#3530

BioRenewables Restroom Cleaner is a ready-to-use, bio-based product designed to clean toilets, urinals, and shower rooms. This restroom cleaner features a cool citrus fragrance and contains 8% citric acid, derived from a renewable resource, which provides efficient cleaning action that quickly removes soap scum, water spots and light rust from toilet bowls, urinals and similar hard, non-porous bathroom surfaces.

pH (Concentrate): 1.5 – 2.5

Dilution: Ready-to-use

Available Sizes: 1-quart



General Housekeeping Solutions



Clean by Peroxy®

simplifill®/Bulk #0035
Clean on the Go® #4820

Clean by Peroxy is a Green Seal Certified all-purpose cleaner that is environmentally responsible. With the cleaning power of peroxide, Clean by Peroxy is a unique product that will effectively clean windows, mirrors, floors, walls, carpets, restrooms, kitchens, tile and grout without streaking. Clean by Peroxy minimizes the number of products, simplifying training and inventory management.

pH (Concentrate): 2.0 – 3.0

Dilution: 1 – 12 oz/gal

Available Sizes: 1, 5, 15, 30, 55, 275 gal; simplifill®; Clean on the Go®



FloorFront®

#5447

Finally! A high-gloss, low-maintenance floor finish that is also environmentally responsible. Your high-traffic floors demand a superior floor finish, but budgets are lean. Enjoy measurable labor savings with FloorFront. It requires half the burnishing, re-coating, and stripping necessary with other zinc-free finishes.

pH (Concentrate): 7.5 – 8.5

Available Sizes: 1, 5, 55 gal



GS Restroom Cleaner®

#3503

GS Restroom Cleaner is a citric acid based formulation designed to clean, disinfect and deodorize toilet bowls, urinals, and other hard, nonporous bathroom surfaces. GS Restroom Cleaner is for use in hotels and motels, hospitals, office buildings, schools, public buildings, restaurants... any commercial, institutional or industrial building with lavatory facilities.

pH (Concentrate): 1.5 – 2.5

Dilution: Ready-to-use

Available Sizes: 1-quart

TREE-Z®

#3171

TREE-Z is a ready-to-use, plant-based product that efficiently removes tough, sticky adhesives and soils, marker and paint-based graffiti, scuff marks, wax residue and so much more. Using a renewable solvent, which is naturally derived from agricultural ingredients, TREE-Z helps to replace hazardous, toxic, and environmentally harmful products. USDA certified to contain over 50% bio-based material, TREE-Z is a safer alternative to petroleum based solvents.

pH (Concentrate): N/A

Dilution: Ready-to-use

Available Sizes: 55 gal; 1-quart

TriBase® Multi Purpose Cleaner

Bulk #3830
Clean on the Go® #4830

TriBase Multi Purpose Cleaner is a BioRenewables product formulated to clean a multitude of soils on a variety of surfaces. With three main bio-based materials, TriBase Multi Purpose Cleaner is a non-VOC, less toxic, biodegradable product. Formulated to handle everyday cleaning tasks, as well as, heavier duty challenges, TriBase is great for glass, mirrors, floors, walls, restroom and kitchen surfaces, and tile.

pH (Concentrate): 8.0 – 9.0

Dilution: 0.5 – 12 oz/gal

Available Sizes: 1, 5, 15, 30, 55, 275 gal; Clean on the Go®



General Housekeeping Solutions (continued)



Xcelenté®

Enjoy the fresh, clean fragrance of lavender while you clean with Xcelenté multi-purpose, hard surface cleaner. The phosphate-free formula is great for floors, and other surfaces where a bright, shiny, streak free finish is desired. With a long-lasting, fragrant bloom of lavender, Xcelenté will delight building residents and visitors throughout the day.

pH (Concentrate): 7.0 – 8.0

Dilution: 1 – 3 oz/gal

Available Sizes: 1, 5, 55 gal; simplifill®; Clean on the Go®

Bulk #0019
Clean on the Go® #4803
simplifill® #1919



X-EFFECT® Restroom Cleaner with Citric Acid

#7319

X-EFFECT Restroom Cleaner with Citric Acid cleans and disinfects restroom surfaces, removing tough stains caused by urine and hard water. Bacteria and viruses found in public restrooms can cause odors and create an unsafe environment for building occupants. X-EFFECT Restroom Cleaner with Citric Acid offers a convenient and effective solution for removing bacteria and viruses while leaving a fresh lavender fragrance. For best results, use with common scent products like Airlift Ultra-Fragrant Urinal Screens, Commode Clips, and Odor Eliminators.

pH (Concentrate): 1.0 – 3.0

Dilution: Ready-to-use

Available Sizes: 1-quart

Consume® Nature's Way



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. Ideal for cleaning and odor control in many areas, such as carpets, drains, dumpsters, and more!

pH (Concentrate): 8.0 – 9.0

Dilution: Straight – 64 oz/gal

Available Sizes: 1, 5, 15, 30, 55, 330 gal; 1-quart

Bulk #3097
RTU Handi Spray® #3197



Consume Eco-Lyzer®

#3297

Consume Eco-Lyzer is a revolutionary quaternary-based disinfectant concentrate formulated to destroy pathogenic and odor causing bacteria and viruses, remove soils and leave natural digesters behind for residual control of nuisance odors. All in one, Eco-Lyzer features patented cleaning technology that reduces janitorial labor by cleaning, disinfecting, and digesting residual organic soils with one product.

pH (Concentrate): 7.5 – 8.5

Available Sizes: 1, 5, 15, 30, 55, 275 gal

Consume® Nature's Way (continued)



Consume Bio-Bowl®

Bulk #3396
RTU Handi Spray® #3397

A ready-to-use, 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 can be used in urinals, toilets, and drains.

pH (Concentrate): 1.5 – 2.5

Dilution: Ready-to-use

Available Sizes: 55 gal; 1-quart



Consume® FWD

#3106

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 while the formula of Consume FWD speeds up the composting process, making fertilizer more readily available.

pH (Concentrate): N/A

Available Sizes: 5 gal



Consume® LIQ

#3102

Liquid wastewater treatment naturally digests organic soils in drains, grease interceptors, septic tanks, and wastewater systems. Consume LIQ maximizes efficiency to minimize operating costs. Routine application of Consume LIQ reduces biochemical oxygen demand and total suspended solids. Additionally, it can reduce the volume of sludge and costs associated with disposal.

pH (Concentrate): 8.0 – 9.0

Available Sizes: 5, 15, 30, 55, 330 gal



Consume® POW

Bulk #3104
Packets #3105

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 process of organic soils and difficult compounds including phenols and cellulose, saving time. POW improves system stability, lowering maintenance needs, saving time and money.

pH (Concentrate): N/A

Available Sizes: 5, 55 gal

Spartan Sustainability Initiatives

- Save 60 tons of virgin plastic resin annually through the 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

Consume® Nature's Way (continued)



Consume Micro-Muscle®

#3497

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. With residual organic digesters for ongoing odor control, Micro-Muscle helps degrade petroleum soils found in waste treatment systems. Use in manufacturing, print shops, repair shops, loading docks, and mass transit systems.

pH (Concentrate): 8.5 – 9.5

Dilution: 1 – 128 oz/gal

Available Sizes: 1, 5, 15, 30, 55, 275, 330 gal



Consume Drop-in-a-Drain®

#3205

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.

pH (Concentrate): 6.5 – 8.5

Available Sizes: 336 packets



CX3 Bio-Assist®

#3110

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.

pH (Concentrate): 8.0 – 9.0

Dilution: 2 oz/gal

Available Sizes: 1, 5, 15, 30, 55, 275, 330 gal



Estimated Environmental Savings Based on One Year of 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

Green Solutions®



Green Solutions® All Purpose Cleaner

Bulk #3501
2-liter #3511

Green Solutions All Purpose Cleaner is an environmentally-preferable all purpose cleaner, formulated to quickly penetrate, emulsify and remove light to medium soils. The all-purpose cleaning formula has been built responsibly for the environmental issues of today, including those of water and waste treatment facilities.

pH (Concentrate): 7.0 – 8.0
Dilution: 3 – 12 oz/gal
Available Sizes: 1, 5, 15, 30, 55, 275 gal; 2-liter



Green Solutions® Carpet Cleaner

Bulk #3509
2-liter #3514

Green Solutions Carpet Cleaner cleans quickly, penetrates, emulsifies and removes soils without oily residue. Safe for all types of extraction equipment and formulated responsibly for the environmental issues of today, including those of water and waste treatment facilities, Green Solutions Carpet Cleaner is non-corrosive, non-flammable, biodegradable and dye and fragrance free.

pH (Concentrate): 8.0 – 9.0
Dilution: 2 oz/gal
Available Sizes: 1, 15, 30, 55, 275 gal; 2-liter



Green Solutions® Floor Finish Remover

#3505

Green Solutions Floor Finish Remover is a low-odor, low-VOC (volatile organic compounds) remover specifically formulated to strip Green Solutions Floor Seal & Finish. Use in facilities and confined areas with confidence. Green Solutions Floor Finish Remover is fast acting and pleasant to use. An ideal choice for healthcare facilities, retail establishments, schools, administrative type offices and public buildings.

pH (Concentrate): 10.5 – 11.5
Dilution: 6 – 64 oz/gal
Available Sizes: 1, 5, 15, 30, 55, 275 gal



Green Solutions® Floor Seal & Finish

#3504

Green Solutions Floor Seal & Finish is an acrylic co-polymer based floor seal and finish. Formulated to contain only trace amounts of zinc, Green Solutions Floor Seal & Finish will not cause problems with sewage effluent. No heavy metals. No glycol ether. No formaldehyde. Very low ammonia. Green Solutions Floor Seal & Finish is built to respect the environmental issues of today.

pH (Concentrate): 7.8 – 8.2
Dilution: Straight
Available Sizes: 1, 5, 15, 30, 55, 275 gal



Green Solutions® Glass Cleaner

Bulk #3507
2-liter #3512

Green Solutions Glass Cleaner is an environmentally-preferable glass cleaner, formulated to quickly penetrate, emulsify, and remove dirt with minimal effort. Formulated responsibly for the environmental issues of today, including those of water and waste treatment facilities, Green Solutions Glass Cleaner is a certified EPA Safer Choice product.

pH (Concentrate): 7.5 – 8.5
Dilution: 2 oz/gal
Available Sizes: 1, 15, 30, 55, 275 gal; 2-liter

Green Solutions® (continued)



Green Solutions® Industrial Cleaner

Bulk #3506
2-liter #3515

Green Solutions Industrial Cleaner is a non-toxic, heavy-duty product, formulated to tackle difficult cleaning tasks. The super surfactant blend provides quick penetration and initial removal of everyday petroleum-based soils such as motor oil, hydraulic fluid, lithium grease, lubricant oils and stamping oils, etc.

pH (Concentrate): 9.0 – 10.0
Dilution: 1 – 128 oz/gal
Available Sizes: 1, 5, 15, 30, 55, 275 gal; 2-liter

Skin Care



foamyiQ® Simple Clean

#4612

A smart choice for LEED buildings or green cleaning programs; foamyiQ Simple Clean is formulated with ingredients made from renewable resources and is a Safer Choice certified product. Designed to be gentle on skin, foamyiQ Simple Clean contains no dye and no added fragrances. By design, there are no costly dispensers to install, maintain or repair. And no refilling is necessary. When foamyiQ is empty, simply remove it from the bracket, and snap on a fresh, new one.

pH (Concentrate): 5.5 – 6.5
Available Sizes: 1250mL



Lite'n Foamy® Citrus Fresh

#3308

Lite'n Foamy Citrus Fresh is a bio-based foaming hand, hair and body wash, formulated with ingredients made from renewable resources. This foaming product was designed to be used with Spartan's Lite'n Foamy Dispensers. Lite'n Foamy Citrus Fresh is green in color and has a refreshing citrus fragrance.

pH (Concentrate): 5.5 – 6.5
Available Sizes: 1, 5, 55 gal



Lite'n Foamy® Sunflower Fresh

#3305

Lite'n Foamy Sunflower Fresh is a bio-based foaming hand wash, formulated with ingredients made from renewable resources. Sunflower Fresh was formulated for luxurious foam delivery through Spartan's Lite'n Foamy Dispensers. The bio-based materials used in the formula produce a foam that leaves the skin clean and soft. The formulation contains naturally derived actives to form an excellent lather to clean soils found on the skin.

pH (Concentrate): 5.5 – 6.5
Available Sizes: 1, 5, 55 gal



Lite'n Foamy® Fruit Burst®

#3342

Formulated with environmentally preferred components, Lite'n Foamy Fruit Burst is a great choice for LEED buildings or green cleaning programs. Combined with its fantastic fruity mandarin fragrance, Fruit Burst is guaranteed to be a crowd favorite. The Lite'n Foamy system is the economical choice for end-users. With reduced packaging, it is also the sustainable choice to reduce landfill waste.

pH (Concentrate): 5.0 – 7.0
Available Sizes: 1 gal; 18 oz

Clothesline Fresh®



Clothesline Fresh® Color Safe Bleach 5

#7005

Clothesline Fresh Color Safe Bleach is a non-chlorinated, oxygen-based bleach that enhances the performance of Clothesline Fresh Laundry Detergents. Clothesline Fresh Color Safe Bleach is safe to use on most all machine-washable fabrics and colors, yet powerful enough to remove even the toughest stains.

pH (Concentrate): 2.5 – 3.5

Available Sizes: 1, 5, 15, 55 gal



Clothesline Fresh® Detergent EP 18

#7018

An environmentally-preferable detergent option that will help you meet your sustainability goals. Clothesline Fresh Detergent EP was formulated in partnership with the Environmental Protection Agency's Design for the Environment Program. Clothesline Fresh Detergent EP does not contain phosphates, silicates, solvents or nonylphenol ethoxylates, all of which can have a negative environmental impact.

pH (Concentrate): 7.0 – 8.0

Available Sizes: 1, 5, 15, 55 gal



Clothesline Fresh® No Dye-No Fragrance Laundry Detergent 13

#7013

Clothesline Fresh No Dye - No Fragrance is enhanced by patented polymeric technology that quickly suspends tough oily soils and particulates to prevent them from redepositing back onto the fabric. The formula does not contain phosphates or nonylphenol ethoxylates, and with biodegradable water softeners and surfactants, Clothesline Fresh No Dye - No Fragrance is more environmentally friendly.

pH (Concentrate): 8.0 – 9.0

Available Sizes: 1, 5, 15, 55 gal



Clothesline Fresh Products

- No or low VOCs
- No phosphates
- No silicates
- No harsh solvents
- No alkylphenol ethoxylates
- No nitrilotriacetic acid (NTA)
- No toxic/persistent components or byproducts
- No ozone-depleting chemicals

High Efficiency Formulations

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

Clothesline Fresh® (continued)



Clothesline Fresh® Oxygen Bleach EP 20

#7020

Clothesline Fresh Oxygen Bleach EP is an environmentally preferable oxygen-based bleach that is safe to use on all wash loads. Formulated in partnership with the Environmental Protection Agency's Safer Choice Program, Clothesline Fresh Oxygen Bleach EP is formulated with the power of active oxygen, an effective oxidizing agent, for superior brightening of white and colored fabrics.

pH (Concentrate): 4.0 – 5.0

Available Sizes: 1, 5, 15, 55 gal



Clothesline Fresh® Oxygen Detergent EP 21

#7021

Clothesline Fresh Oxygen Detergent EP is a detergent and color safe bleach in one that naturally brightens colors and whitens whites in the wash! Formulated in partnership with the Environmental Protection Agency's Safer Choice Program, Clothesline Fresh Oxygen Detergent EP features the power of active oxygen, an environmentally preferred and effective oxidizing agent.

pH (Concentrate): 3.5 – 4.5

Available Sizes: 1, 5, 15, 55 gal



Clothesline Fresh® Softener EP 19

#7019

Furthering your sustainable laundry efforts with a product formulated in partnership with the Environmental Protection Agency's Design for the Environment Program. Clothesline Fresh Softener EP is a readily biodegradable, liquid fabric softener that teams a Fresh April Air scent with superior softness.

pH (Concentrate): 4.5 – 5.0

Available Sizes: 5, 15, 55 gal



Designed and Formulated with Sustainability in Mind

- All surfactants are on EPA's Safer Choice 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)



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