You • People • Humans
We are part of the environment in which we live…it is not just plants, trees, water and animals.

It’s Us!
It’s All People!
Young, old and middle-age workers, tenants, building owners, all people, from all lifestyles, across all demographic profiles.

It’s All Environments!
- Office Buildings
- Day Care Centers
- Education
- Federal Buildings and Town Halls
- Hospitality
- Lodging
- Industrial
- Retail

Benefits of “Green Cleaning”
- Improve Indoor Air Quality
- Healthier Facilities for Tenants – Workers – Custodians
- Increase Worker Productivity
- Improve Morale
- Reduce Sick Days and Associated Health Care Costs
- Minimize Exposure to Aggressive Chemicals
- Reduce Water and Air Pollution
- Reduce Waste with Concentrated Products
- Reduce Package Waste with Recyclable Packaging
- Clean without Sacrificing Effectiveness
- Peace of Mind

Look around, now close your eyes and think about your environment. What do you see? Do you see yourself? If not, put yourself in the picture. You’re it!
Who Should Clean “Green”?  
- Any public or private facility that cleans!
- Any facility with the desire to create a safer, cleaner and healthier environment.
- Any facility seeking to meet the goals of the U.S. government to implement “green cleaning”.
- Any facility that has a need or desire to use environmentally preferable products and reduce risk products.
- Any facility that is concerned about indoor air quality.
- Any facility that may have inhabitants with compromised immune systems.
- Any facility that may have inhabitants with sensitivities to suspected allergens.
- Any facility that is concerned about indoor chemical usage.
- Any facility seeking LEED-NC or LEED-EB certification.

Clean “Green” with What?  
Spartan’s Green Solutions is a well-rounded assortment of products to meet most fundamental cleaning tasks. Products that truly clean and are competitively priced.
- All Purpose Cleaner
- Glass Cleaner
- Restroom Cleaner
- High Dilution Disinfectant
- Neutral Disinfectant Cleaner
- Carpet Cleaner
- Industrial Cleaner
- Floor Finish Remover
- Floor Seal & Finish

When should I clean “Green”?  
Always, and on a regularly scheduled cleaning maintenance plan. Remember clean for health first, appearance second.

Where should I clean “Green”?  
No matter what your environment, from high-rise office building, local day care center, to federal court building, cleaning “green” is cleaning smart, which is always an investment in a healthier tomorrow for all.

Why clean “Green”?  
Be smart – clean smart. Science and technology allow us to formulate products that clean with less aggressive ingredients. Cleaning “green” assists in reducing exposure to potentially harmful chemicals that can endanger the health and safety of building occupants, visitors and the cleaning staff; plus, reducing negative impact on the environment. You are cleaning anyway, so why not enjoy the benefits that “green cleaning” allows. Compared to most traditional cleaning products, Spartan’s Green Solutions products are cost effective and competitively priced.
What is Green Seal?

Green Seal is an independent, non-profit organization that strives to achieve a healthier and cleaner environment by identifying and promoting products and services that cause less toxic pollution and waste, conserve resources and habitats, and minimize global warming and ozone depletion. Green Seal has no financial interest in the products that it certifies or recommends or in any manufacturer or company. Green Seal’s evaluations are based on state-of-the-art science and information using internationally recognized methods and procedures. Thus, Green Seal provides credible, objective, and unbiased information whose only purpose is to direct the purchaser to environmentally responsible products and services.

Green Seal Certified Products

Spartan Chemical Company, Inc. has been a pioneer in the formulation and development of sanitary maintenance products in the cleaning chemical industry. From basic cleaners to scientifically advanced product lines, Spartan continually reaches to the next rung of the ladder, and that continues with Green Solutions. Where applicable, Spartan looks to Green Seal for green certification standards.

Green Seal enjoys an outstanding reputation in the janitorial industry as being the leader in pioneering what constitutes “green” in the formulation of “green cleaning”.

Green Seal standards are recognized by the Federal Government for meeting environmentally preferable product standards for use in federal facilities.

In the future, Spartan looks forward to formulating new products within the guidelines set forth by Green Seal. Spartan’s Green Solutions products will continue to emphasize improved public and private health and safety, indoor air quality, and reduced effects on the outdoor environment.

Spartan will continue to meet the challenges the future will bring. “Green cleaning” will continue to evolve, grow, and with that so will Spartan’s Green Solutions products.

Green Solutions products perform their specified task and are competitively priced.
Mission

To provide a line of environmentally preferred products that directly contribute to a cleaner, safer and healthier environment for workers and building occupants.

Living and working in a dirty, unsanitary environment is not an option; however, responsible consumption is.

Three points to consider when selecting specialty maintenance cleaning products are:

I. Environmental Impact
II. Worker Safety
III. Product Performance

Spartan’s Green Solutions product line has been created with current and future global environmental concerns in mind. Its purpose is to offer an opportunity to become a part of the environmental solution. Green Solutions is the pro-active choice for the professional who is selecting cleaners for institutional and industrial use in the sanitary maintenance industry.

- No persistent, bioaccumulative or toxic chemicals
- No ozone depleting compounds
- No or low volatile organic compound content (VOC)
- No hazardous waste characteristics
- No phosphates or phosphonates
- No carcinogens, mutagens or teratogens
The Samuel T. Dana Building.
A LEED-EB registered project on the
University of Michigan campus in
Ann Arbor, Michigan.
LEED was created to:
- Define “green building” by establishing a common standard of measurement
- Promote integrated, whole-building design practices
- Recognize environmental leadership in the building industry
- Stimulate “green” competition
- Raise consumer awareness of “green building” benefits
- Transform the building market

LEED provides a complete framework for assessing building performance and meeting sustainability goals. Based on well-founded scientific standards, LEED emphasizes state of the art strategies for sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality. LEED recognizes achievements and promotes expertise in “green building” through a comprehensive system offering project certification, professional accreditation, training and practical resources.

LEED-EB for Existing Buildings provides the opportunity for owners and operators of all existing buildings to be recognized and certified in their efforts to realize the promise of sustainable operations and reduce the environmental impact of their buildings year after year.

Designed to complement the LEED Green Building Rating System, Version 2.0 for new construction and major renovations, the LEED-EB Rating System is part of a comprehensive suite of LEED assessment tools under development by the USGBC to promote sustainable design, construction, and operation practices in buildings nationwide. LEED-EB is applicable to existing buildings that are seeking LEED Certification for the first time, as well as projects previously certified under LEED standards for new construction.

LEED-EB provides the opportunity for building owners and operators to meet their sustainable operation goals and to reduce the impact of their buildings on the environment and occupant health over their entire life cycle.

What are the benefits to building owners participating in the LEED-EB program?
- The opportunity to demonstrate environmental leadership by upgrading building systems and/or processes to sustainable operation
- The opportunity to help shape LEED-EB
- The opportunity to address implementation issues directly with the LEED-EB committee and Technical Advisory Group for the LEED product
- The opportunity to be recognized as a first mover and international leader in sustainable building operation through case study and promotional efforts

Further information is available by contacting the LEED-EB Committee Chair, Michael Arny, by e-mail at leed-eb@usgbc.org

1. www.usgbc.org “Meet the USGBC”
4. www.usgbc.org “LEED Rating System for Existing Building”
Regular routine cleaning can assist in improving indoor air quality but certain issues must be addressed.

- HVAC - heating, ventilation and air conditioning systems must be adequate, not contaminated or dirty
- Humidity levels must not be under 30 percent or over 60 percent depending on the season
- Emissions from other parts of a building should not enter the general air circulation
- No significant off-gassing of volatile organic compounds from furnishings or building materials
- Implement the use of environmentally preferable and/or reduce-risk cleaning products

Organized, routine cleaning must be an integral part of the solution when managing indoor air quality issues. The emphasis must be on cleaning for health first and appearances second. By doing so, you are protecting health and maintaining and restoring property values.

Let Green Solutions help in that mission. The no or low VOC formulas will contribute to a cleaner indoor air quality.

To find out more information on Indoor Air Quality, visit http://www.osha-slc.gov/SLTC/indoorairquality/.
From pre-school to graduate school and deep into the administrative departments and offices of the education system, a cleaner, healthier atmosphere will assist in the performance of learning. Recent studies at two different schools investigated the effect and results of more thorough cleaning on student’s performance. The unscientific study concluded:

- Number of doctor visits declined by 34%
- Passing reading scores on standardized tests increased by 27%
- Attendance increased by 4.5%
- Total illnesses declined by 24%

How can Green Solutions Benefit Education and Childcare?

Investing in Education – Fantastic Returns – No Additional Cost

Become pro-active. Implement the use of Green Solutions and minimize exposure to harsh aggressive cleaners and VOC’s emissions within educational systems and day care centers.

Students, parents and administrators evaluate your institution the instant they enter. Clean schools provide a better learning environment, while under-maintained schools lose credibility for the department and the school district.

Make a true investment in education by realizing and implementing a cleaner and healthier environment to learn.
GREENING THE GOVERNMENT THROUGH LEADERSHIP IN ENVIRONMENTAL MANAGEMENT

PART 1 - PREAMBLE

Section 101. Federal Environmental Leadership. The head of each federal agency is responsible for ensuring that all necessary actions are taken to integrate environmental accountability into agency day-to-day decision making and long-term planning processes, across all agency missions, activities, and functions. Consequently, environmental management considerations must be a fundamental and integral component of Federal Government policies, operations, planning, and management. The head of each federal agency is responsible for meeting the goals and requirements of this order.

To assist governmental purchasers to buy more environmentally preferable products, here are five points of consideration:

- Always consider “green” in normal purchasing decisions
- Eliminate pollution potential whenever possible
- Compare environmental impacts when selecting products
- Measure and collect product information on respected, meaningful, accurate and environmental performance
- Assess the product’s lifecycle

Spartan’s Green Solutions products meet these points of consideration and will assist the various levels and entities of federal departments and agencies in meeting their goals.

To find more in-depth information visit http://www.epa.gov/fedsite/eo13148.htm

For more information at the national level, research PRESIDENTIAL EXECUTIVE ORDER 13148 OF APRIL 22, 2000.
Therefore, don’t you owe it to yourself and your clients to show them the way to enjoy the benefit “green cleaning” can offer properties?

“Green cleaning” is more than just products. It is a regularly scheduled cleaning and maintenance program. Green Solutions products are formulated to be an integral component of your “green cleaning” program. Cleaning and maintaining a facility with Green Solutions minimizes VOC emissions, controls allergens from dyes and fragrances, making indoor environments more pleasant and healthful.

Green Solutions is formulated to reduce the custodial staff’s contact with aggressive cleaning products while offering the same helpful and healthful benefits to the inhabitants of any structure cleaned.

LEED and LEED-EB offer an excellent framework for Building Service Contractors to follow to obtain the 12 points needed towards certification. This includes implementing a “green cleaning” program.

To find out more in-depth information about LEED and LEED-EB, visit www.usgbc.org

How can Green Solutions Benefit Building Service Contractors?

Adding $ Monetary Value to a Client’s Building

The world of “green cleaning” has evolved and, as a Building Service Contractor, there are now opportunities like never before. Add real value to a property by cleaning it from a “green” perspective. Stress the importance and the true value obtained from “green cleaning”. A healthier, “green cleaned” and maintained building affords building owners the opportunity to maintain Class A status, lease space at premium pricing and assist in minimizing tenant turnover. “Green cleaning” is smart business.

Building occupants can be tenants in a high-rise, or employees of a business; however, knowing the building is cleaned and maintained from a healthy and sanitary approach gives new creditability to the “cleaning” and the work being performed. People spend as much as 90% of their time in an indoor environment. It is imperative that a building is cleaned and maintained properly, and regularly, for the building occupants to be healthy. A healthy building breeds healthy, productive employees and tenants, adding additional value to the owner’s investment.
How can Green Solutions Benefit the Lodging and Hospitality Industry?

A Win-Win Situation for the Lodging and Hospitality Industry

The “greening” of the hotel industry, travel and tourism in general, is more than the latest craze. It is here to stay. Hundreds of hotels, cruise ships and hospitality establishments have adopted the policy of asking guests if they would care to forsake fresh towels and bed linens to help save the environment. Many guests have responded positively, consequently saving the hotel industry hundreds of thousands of dollars and proving people care about environmental issues.

Adopt “green cleaning” with Green Solutions to enjoy the following benefits:

- Improve indoor air quality
- Limit human exposure and surfaces from aggressive cleaning products
- Reduce health risk by implementing the use of environmentally preferable and reduced-risk products
- Greater emphasis on cleaning for health and sanitation
- Distinguish a property as an ecological pro-active image
- Provide peace of mind

Guests are interested in environmental issues and want to do their part to contribute. This established precedence is one more reason to adopt “green cleaning” practices.

A “we care” marketing campaign sits well with guests. A recent survey by the Travel Industry of America found that 83 percent of U.S. travelers want to support environmentally responsible suppliers of products and services and are willing to spend more money to do so…but the good news is you don’t have to! Green Solutions products are competitively priced!

Knowing Spartan’s Green Solutions products are in use to clean, maintain and sanitize the property gives guests a sense of contribution. Let them enjoy knowing the products are doing the job needed, doing it well and, most importantly, cleaning to protect human health!
All Purpose Cleaner

is an ecologically sound, environmentally conscious, all purpose cleaner, formulated to quickly penetrate, emulsify and remove light to medium soils. All Purpose Cleaner is formulated to respect the environmental issues of today, including those of water and waste treatment facilities.

FORMULATED FOR THE FUTURE

Green Solutions All Purpose Cleaner incorporates a state-of-the-art surfactant system, eliminating the need for nonylphenol detergents. Many current cleaners and degreasers depend on this type of detergent for their cleaning ability. Green Solutions All Purpose Cleaner offers excellent surfactant and wetting agents with emulsification abilities through the use of more readily biodegradable alternative surfactant chemistries.

FORMULATED WITH ECOLOGICAL AND ENVIRONMENTAL CONCERNS

Biodegradable. No phosphates. Green Solutions All Purpose Cleaner is easily waste treatable.

JUST SAY NO...

■ NO DYE
  Non-viscous and water white. Clear in color without the addition of fragrance or dye.

■ NO CHELATING AGENTS
  Will not tie up heavy metals and make them difficult to treat. Less likely to pick up heavy metals in the cleaning application. Spent cleaning solution is more easily treated in wastewater treatment facilities.

■ NO SILICATES
  Will not cause problems with filterability in wastewater treatment systems or add residue.

■ NO VOCs
  VOC-free and will not add to the total VOC count in an industrial facility.

■ NO BUTYL, NO GLYCOL ETHERS, OR OTHER SOLVENTS
  Green Solutions All Purpose Cleaner is very effective without the use of butyl. Butyl is not permitted in many large manufacturing plants, government and automotive production facilities.
  Green Solutions All Purpose Cleaner, when used as directed, is more environmentally respectful than most comparable type products and economically priced.

■ NO SARA SECTION 313 REPORTABLE INGREDIENTS
  Green Solutions All Purpose Cleaner does not contain any hazardous ingredients listed under SARA (Superfund Amendments Reauthorization Act) Section 313. No need to report use of Green Solutions All Purpose Cleaner to the EPA (Environmental Protection Agency) or registered SARA coordinator.

■ VERSATILE
  Use on any surface not harmed by water. Apply with mop, brush, pressure washer, auto scrubber, or use spray and wipe method for use on walls and equipment.

LIGHT OR MEDIUM CLEANING CAPABILITIES

Green Solutions All Purpose Cleaner degreases and cleans floors, walls, metal, stainless steel, porcelain—nearly any surface not harmed by water. Depending on the dilution, Green Solutions All Purpose Cleaner performs light cleaning with ease, to more aggressive cleaning of medium soiled surfaces.
Glass Cleaner

is an ecologically-sound, environmentally-conscious glass cleaner, formulated to quickly penetrate, emulsify and remove dirt swiftly and with minimal effort. The glass cleaning formula, created with respect for the environmental issues of today, is water white. The product does not contain any fragrances or dyes.

THE FUTURE IN CLEAR VIEW
Green Solutions Glass Cleaner incorporates a state-of-the-art surfactant system offering excellent cleaning. And, the readily biodegradable surfactants make the product environmentally preferable.

MULTI-TASKING IS EASY
Use on glass, windows, and mirrors, and other surfaces not harmed by water, including countertops, chrome trim, display cases, fluorescent lights, salad bar/deli/fast food sneeze guards, walls and door casings. All are ideal places where Green Solutions Glass Cleaner can clean. Simply spray and wipe!

AGGRESSIVE DEGREASING PERFORMANCE
Green Solutions Glass Cleaner has a mild yet powerful detergent complex that targets dirt and grime with superior emulsification properties for fast and effective cleaning.

PERFORMS FAST AND WITHOUT EFFORT
Green Solutions Glass Cleaner provides superior wetting, which suspends and penetrates soil for fast and easy removal. The formula dries quickly without streaking, plus no rinsing is required.

USE WITH PEACE OF MIND
Ecological and environmental concerns are addressed in the formulating of Green Solutions Glass Cleaner. It is biodegradable and phosphate free. Green Solutions Glass Cleaner is easily waste treatable.

JUST SAY NO...
■ NO VOCs
  Green Solutions Glass Cleaner is VOC-free and will not add to the total VOC count in any facility.
■ NO BUTYL, NO GLYCOL ETHERS, OR OTHER SOLVENTS
  Green Solutions Glass Cleaner is very effective without the use of butyl. Butyl is not permitted in many large manufacturing plants, government and automotive production facilities. Green Solutions Glass Cleaner, when used as directed, is more environmentally respectful and economically priced.
■ NO SARA SECTION 313 REPORTABLE INGREDIENTS
  Green Solutions Glass Cleaner does not contain any hazardous ingredients listed under SARA (Superfund Amendments Reauthorization Act) Section 313. No need to report use of Green Solutions Glass Cleaner to the EPA (Environmental Protection Agency) or registered SARA coordinator.
CLEAN FOR GOOD HEALTH
Only a regularly scheduled cleaning and maintenance program is going to eliminate daily dirt, grease and grime. It is important to remember that only disinfecting is going to take those surfaces to the next level of clean – which is disinfection.

LEAN DILUTION AND LESS FREQUENT PRODUCT CONTAINER SWITCH-OUT
Economy and reduced product container switch-out are two key features that high frequency end-users need. Green Solutions High Dilution 256 provides both of these features. Each 2-liter container provides 135 gallons of fresh cleaning and disinfecting solution. And, each gallon size container provides 256 gallons of fresh product, minimizing product container switch-out, plus maximizing value.

EASY TO USE
NO RINSING REQUIRED
The neutral pH, quaternary disinfectant cleaner is formulated to kill a broad spectrum of microorganisms without rinsing and without leaving a film residue.

USE ON MULTIPLE SURFACES
Green Solutions High Dilution Disinfectant 256 cleans and disinfects hard, non-porous inanimate environmental surfaces, such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets. It’s also designed for general cleaning and disinfecting. Green Solutions High Dilution Disinfectant 256 is excellent for use in larger areas, such as operating rooms and patient care facilities. This product effectively cleans floors without dulling the shine of floor finish.

KILLS ANTIBIOTIC-RESISTANT BACTERIA
Green Solutions High Dilution Disinfectant 256 destroys many antibiotic-resistant bacteria. It is also effective against other disease-causing pathogens, both gram negative and gram positive. See product label or informative bulletin for a complete list.

JUST SAY NO...
- NO PHOSPHATES
  Formulated with Tetrasodium EDTA to provide excellent performance in hard water without eutrophication concerns associated with phosphate builders.
- NO CAUSTIC OR ACIDIC pH
  Neutral pH will not dull high gloss floor finish.
- NO ADDED DYE OR FRAGRANCE
  Eliminating the concern for individuals with allergic or adverse responses to perfumes and to colorant chemicals.
- NO HARSH BUILDERS
  Does not contain sodium hydroxide, metasilicate or hypochlorite which may damage some environmental surfaces.
- NO NONYLPHENOL ETHOXYLATE
  Green Solutions High Dilution Disinfectant 256 uses an alcohol ethoxylate surfactant.

Green Solutions High Dilution Disinfectant 256 kills pathogenic microorganisms on hard non-porous inanimate environmental surfaces. Many industries have numerous high touch, high traffic surfaces that contribute to cross contamination within their population. Use Green Solutions High Dilution Disinfectant 256 wherever those same added benefits of disinfecting are important.

- ATHLETIC & RECREATIONAL FACILITIES
- LODGING ESTABLISHMENTS
- MANUFACTURING FACILITIES
- OFFICE BUILDINGS
- RETAIL BUSINESSES
- SCHOOLS
- TRANSPORTATION
- TERMINALS
Neutral Disinfectant Cleaner

EPA Reg. No. 1839-169-5741
EPA Est. No. 5741-OH-1

has been included in the Green Solutions product assortment for human health concerns. Certain facilities and areas of facilities need the effectiveness of germicidal and virucidal products, and those attributes are found in a disinfectant cleaner. Eliminating various viruses and bacteria by thoroughly cleaning and disinfecting is one way of minimizing the spread of disease and illness.

CHOOSING A DISINFECTANT

1. Is there a threat of infection from contact with environmental surfaces?
2. Use an effective and proven disinfectant that is registered with the EPA.
3. Choose a disinfectant that minimizes environmental risk and worker safety impact.

ONE THING TO KNOW...

1. Green Solutions Neutral Disinfectant Cleaner meets all three considerations.

PRODUCT PERFORMANCE WITHOUT DAMAGE

The neutral pH quaternary disinfectant cleaner is formulated to kill a broad spectrum of microorganisms on non-porous surfaces. It quickly penetrates and removes typical soils, disinfects and performs as a mildewstat.

KILLS MANY ANTIBIOTIC-RESISTANT BACTERIA/VIRUSES

Green Solutions Neutral Disinfectant Cleaner is effective against antibiotic-resistant bacteria like methicillin-resistant Staphylococcus aureus (MRSA) and vancomycin-resistant Enterococcus faecalis (VRE). Green Solutions Neutral Disinfectant Cleaner exhibits effective virucidal activity against HBV, HCV, HIV-1, HIV-2, Bovine Viral Diarrhea Virus (BVBD) and Human Coronavirus (ATCC VR-740, strain 229E) and a host of other viruses.

MULTI-SURFACE USES

Versatile, Green Solutions Neutral Disinfectant Cleaner disinfects inanimate environmental surfaces. Use on floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets. It’s also designed for general cleaning and disinfecting. Green Solutions Neutral Disinfectant Cleaner is excellent for use in larger areas, operating rooms and patient care facilities.

EXCELLENT DEODORIZER

Green Solutions Neutral Disinfectant Cleaner deodorizes hard-to-keep-fresh-smelling areas, such as garbage storage areas, empty garbage bins, toilet bowls, and other areas that are prone to odors caused by microorganisms.

JUST SAY NO...

■ NO NONYLPHENOL ETHOXYLATE
Green Solutions Neutral Disinfectant Cleaner uses an alcohol ethoxylate surfactant, a more biodegradable surfactant.

■ NO PHOSPHATES
Formulated with Tetrasodium EDTA to provide excellent performance in hard water without eutrophication concerns associated with phosphate builders.

■ NO ADDED DYE OR FRAGRANCE
Eliminating the concern for individuals with allergic or adverse responses to perfumes and to colorant chemicals.

■ NO CAUSTIC OR ACIDIC pH
Neutral pH will not dull high gloss floor finish.

■ NO HARSH BUILDERS
Does not contain sodium hydroxide, metasilicate or hypochlorite which may damage some environmental surfaces.
Restroom Cleaner
EPA Reg. No. 5741-25
EPA Est. No. 5741-OH-1
is a ready-to-use, citric acid-based, toilet, urinal and shower room cleaner, disinfectant and deodorizer. Use it to clean, disinfect and deodorize basins, bowls, shower room walls, floors and most acid-resistant restroom surfaces. Quickly removes soap scum, water spots and light rust.

Note: Do not use on non-acid resistant surfaces. This product will etch or otherwise damage marble or other non-acid resistant surfaces.

Green Solutions Restroom Cleaner is effective against:
- Staphylococcus aureus
- Pseudomonas aeruginosa
- Salmonella choleraesuis

CLINGING CLEANING ACTION
Green Solutions Restroom Cleaner provides horizontal and vertical clinging action to promote longer contact time with surfaces, which enhances cleaning ability without strenuous physical labor.

ALL-IN-ONE
SAVES TIME AND MONEY
Green Solutions Restroom Cleaner is all that is needed to address the cleaning and disinfectant needs of busy, high traffic restrooms. Only minimal custodial training time is needed. Easy to use, plus multiple tasks make Green Solutions an economical choice. Green Solutions Restroom Cleaner may also be diluted 1:10 for light-duty restroom cleaning.

JUST SAY NO...
- NO MIXING
- NO WASTE
- NO SPILLS

Green Solutions Restroom Cleaner is an institutional and industrial use product which is recommended for use in hotels and motels, hospitals, office buildings, schools, public buildings, and restaurants.
Carpet Cleaner

is a true winner! Green Solutions Carpet Cleaner is versatile enough to meet all extraction process and environmental needs. Plus, it is ideal for use on all types of quality carpet including stain-protected carpets. Ecologically sound and environmentally conscious, the carpet cleaner acts quickly to penetrate, emulsify and remove soils. It will not harm metal or rubber, and is safe to use in all types of extraction equipment, including direct hook-up and self-contained tank type cleaning extraction. Biodegradable, the formulation is non-flammable and non-corrosive.

USE ON ALL CARPETS
A powerful, low-foaming surfactant system acts fast for effective extraction cleaning and is friendly to all types of carpet. The product formula is engineered to be safe for stain-resistant carpet and untreated carpet. This is possible due to the utilization of an anionic detergent, near neutral pH, and no solvents. Green Solutions Carpet Cleaner dries to a crystal, which is easily removed through vacuuming. Suds are not a problem; it will not clog equipment or inhibit the efficiency of a vacuum pick-up.

REDUCES RESOILING
The extraction process forces the cleaner into the carpet and quickly removes most liquid through the vacuum process, so exposure to the product is brief. Green Solutions low-foaming anionic wetting agents rapidly penetrate and emulsify grease, oil, and ordinary soil, facilitating easy removal through the extractor vacuum pick-up process. This process, combined with the unique formula, eliminates residual so no sticky or oily residue is left behind which would contribute to resoiling.

INDOOR AIR QUALITY AND TODAY’S SOCIAL CONCERNS
Respectful of the environmental issues of today, the product is formulated without the addition of dyes or fragrances that some individuals may be sensitive to, or find offending.

FORMULATED FOR THE FUTURE
Green Solutions Carpet Cleaner incorporates a state-of-the-art surfactant system eliminating the need for nonylphenol detergents. Some carpet cleaners and spotters depend on this type of detergent for their cleaning ability. Green Solutions Carpet Cleaner offers excellent surfactant/wetting agents with emulsification abilities through the use of more readily biodegradable alternative surfactant chemistries, eliminating the need for nonylphenol detergents.

JUST SAY NO…
- NO PHOSPHATES
- NO SPECIAL STORAGE
- NO DYE
- NO FRAGRANCE
- NO CHELATING AGENTS
Will not tie up heavy metals and make them difficult to treat. The no chelating agent formula is less likely to pick up heavy metals in the cleaning application. Spent cleaning solution is easily treated in wastewater treatment facilities.

- NO BUTYL, NO GLYCOL ETHERS, OR OTHER SOLVENTS
Very effective without the use of butyl. Butyl is restricted from use in many facilities including many government facilities.

- NO SARA SECTION 313 REPORTABLE INGREDIENTS
Does not contain any hazardous ingredients listed under SARA (Superfund Amendments Reauthorization Act) Section 313. No need to report use of Green Solutions Carpet Cleaner to the EPA (Environmental Protection Agency) or registered SARA coordinator.

WOOLSAFE approved maintenance product for wool and wool-rich carpets.
CONCENTRATED FORMULA +
HIGH DILUTION =
MAXIMUM ECONOMY

Concentrated and economical to use. Dilute Green Solutions Floor Finish Remover up to 1:20 (6 oz./gal. of cold water) and remove even tough finish build-ups.

JUST SAY NO...
- NO BUTOXYETHANOL
- NO DYE
- NO AMMONIUM HYDROXIDE
- LOW ODOR

A NATURAL FIT FOR THESE MARKETS
- HEALTH CARE
- ENTERTAINMENT COMPLEXES
- HOSPITALITY
- RESTAURANTS
- RETAIL
- MASS TRANSIT

Floor Seal & Finish

is modern polymer technology. The formula features: exceptional clarity, depth of gloss, and superior durability, without yellowing.

EASY APPLICATION
Applies without mop drag and features superior plasticizers, allowing for faster recoating of floors. Superior leveling provides a finish that responds well for gloss renewal without powdering.

MAINTENANCE
Green Solutions Floor Seal & Finish is responsive to high-speed burnishing for renewed gloss. Detergent-resistant formula makes the finish easy to clean and repair.

RESTORE
Dilute for use as a mop-on restorer with high-speed equipment. Spraybuff with Green Solutions Floor Seal & Finish or high-speed dry buff to renew and enhance brilliance and gloss.

JUST SAY NO...
- NO HEAVY METALS
- NO HEAVY CHEMICAL ODOR
- NO UNPLEASANT ODORS

Zinc-free co-polymers are the basic building blocks of Green Solutions Floor Seal & Finish. This alternative reduces effluent toxicity and offensive ammonia odors.

- NO FORMALDEHYDE
Alternate, non-formaldehyde microbiocides are used as preservatives and are not suspected carcinogens.

- NO GLYCOL ETHER
Advanced polymer technology and a unique specialized surfactant blend replace the need for a glycol ether.

- LOW AMMONIA AND LOW VOCs
Green Solutions Floor Seal & Finish contains very low amounts of volatile organic compounds. It has less than 1/10% ammonia and no formaldehyde, so no overpowering odors.

Floor Finish Remover

is a very effective finish and wax emulsifier. The low odor remover is fast acting and pleasant to use.

USE 24 HOURS A DAY!
ANYTIME AND ANYWHERE!
Breathe easier, it is fragrance free and contains low VOCs (volatile organic compound). Use with confidence in public buildings and facilities with confined areas. A perfect choice for healthcare facilities, retail establishments, schools, administrative type offices and public buildings. No need to schedule floor stripping during “off hours” due to offensive odors.

FAST-ACTING EMULSIFICATION
AND EASY RINSE
Heavy build-ups of finish and wax are removed with little effort due to the fast release action of Green Solutions Floor Finish Remover. The easy rinse formula is an ideal choice for removal of Green Solutions Floor Seal & Finish and other cross-linked finishes.

CLEAN FOR HEALTH
CLEAN FOR ENVIRONMENT

This product meets Green Seal’s standard for industrial and institutional floor-care products based on its reduced human and aquatic toxicity and reduced smog production potential.
Industrial Cleaner

is formulated to tackle difficult cleaning tasks. The non-toxic, heavy-duty liquid cleaner is formulated with a super surfactant cleaning system. The concentrated cleaner is engineered to quickly remove petroleum-based soils with efficiency. The superior wetting action performs the cleaning and degreasing, providing quick penetration and initial removal of everyday petroleum based soils. It quickly removes motor oil, hydraulic fluid, lithium grease, lubricant oils and stamping oils.

RESPECTFUL OF THE ENVIRONMENT
An effective environmental alternative to many traditional industrial degreasers. Contains a biodegradable surfactant package, without solvents, and no VOCs. Green Solutions Industrial Cleaner does not adversely affect indoor air quality. No SARA Title III ingredients to report. Use of large quantities of Green Solutions Industrial Cleaner will not cause a rise in pH above the allowable discharge limit for municipal wastewater codes.

LOW pH
Traditional industrial degreasers have a pH range of 11 to 12 or higher. Green Solutions Industrial Cleaner offers a lower pH of 9 and still maintains cleaning and degreasing performance.

JUST SAY NO...
- NO CAUSTICS
- NO PHOSPHATES
- NO SOLVENTS
- NO DYE
- NO NONYLPHENOL ETHOXYLATES
- NO OFFENSIVE ODOR
- NO HARSH DETERGENT
- NO BLEACH
- NO AMMONIA
- NO BUTYL

CLEANS VARIOUS SURFACES, AREAS AND FACILITIES

Surfaces
- concrete
- brick
- ceramic
- stainless
- mild steel
- metal
- plastic
- cast iron
- copper
- brass

Facilities
- factories
- warehouses
- distribution centers
- mass transit systems
- garages
- auto dealerships
- service centers
- repair shops
- construction companies
- trucking industry

Areas
- concrete floors
- block and brick walls
- equipment
- industrial restrooms
- loading docks
- locker rooms
- service bays
- drive-in window areas

VERSATILE AND ECONOMICAL
Moderate foaming allows Green Solutions Industrial Cleaner to be applied with a mop and bucket, through a coarse sprayer, in conjunction with a pressure washer, or in automatic floor scrubbers.

This product meets Green Seal’s environmental standard for industrial and institutional cleaners based on its reduced human and aquatic toxicity and reduced smog production potential.
Chemical Management Dispensing Systems

A fundamental key to worker safety is minimizing contact with chemicals. Instituting a chemical management program for cleaning chemicals makes that objective easy to achieve and maximizes product performance, minimizes employee product confusion, reduces cleaning chemical cost and assists with inventory control.

Spartan has chemical management options available for your Green Solutions dispensing needs. Standard product packaging is easily dispensed through the SAM Press & Fill, or the SAM Accurate Measure Dispensing System. The convenient 2-liter package is engineered to work with the new Green Solutions Stainless Steel Lock & Dial and Spartan’s entire family of Clean on the Go chemical management dispensing systems. Chemical management has never been easier!

GREEN SOLUTIONS STAINLESS STEEL LOCK & DIAL 2-LITER SYSTEM

Constructed of stainless steel, the Green Solutions Lock & Dial dispenser is synonymous with strength and durability. The easy to use and install dispenser mounts with just 2 screws and weighs only 9-1/2 pounds. To use, dial and select the product of choice or the rinse application. Press the button to fill a trigger spray bottle, fill a bucket or auto scrubber. The locking cabinet stores up to four 2-liter product cartridges inside the unit, providing security and worker safety. A "viewer" window allows for easy to see product identification. The drip tray doubles as a spray shelf for the pearlized silk-screened ready-to-use 2-liter trigger spray bottles. Dispense four different products at both high and low flow rates. "Y" hose-barbs permit dispensing of one chemical at two dilutions or one chemical at high flow and low flow. Coordinating color and number coded product labels make each dispenser a custom fit for identifying products currently in use for each dispensing system.

SAM PRESS & FILL AND SAM ACCURATE MEASURE DISPENSING SYSTEM

Both chemical management systems are ideal dispensing solutions for standard packaging sizes. Gallons, pails and drums are container size options to consider when managing your chemical use with these dispensing units. Both chemical management systems minimize employee contact with concentrated products and increase worker safety by automatically and accurately diluting Green Solutions standard packaging sizes. Various features include and vary by the unit selected; however, a few of the options include color-coded labeling for easy identification, visual graphics to assist in proper application and use, and locking units.
Packaging
Green Solutions products are packaged utilizing an increased amount of post consumer regrind plastic. Drums are absent of silk-screening, eliminating the need to have it removed prior to recycling. Inks used to silk-screen pails, gallon and quart containers are lead free. Paper drum labels and adhesives are all recyclable.

2-LITER CARTRIDGE
Promote worker safety with the easy to use and understand, color and number coded, 2-liter cartridge. Shipped with the MSDS inside each carton of product, the 2-liter Green Solutions cartridge features a color and number coded labeling system. This allows for ease of use for those who do not speak English, plus the cartridge also includes Spanish and French languages.

FORMULATED TO PERFORM AT 2 OZ.! *
Each 2-liter is formulated to perform at 2 ounces per gallon, simplifying use and minimizing confusion while providing 33-gallons of fresh, ready-to-use product. Silk-screened, ready-to-use trigger spray bottles are available that match the 2-liter container, making the 2-liter system easy to use and understand.

Green Solutions 2-liter cartridge concentrates are packaged four per case. Designed and engineered for use in the Green Solutions Stainless Steel Lock & Dial, or Clean on the Go chemical management systems. Concentrate label copy is available in English, French and Spanish. Ready-to-use label copy is also available.

CONTAINER SIZE ASSORTMENT
Green Solutions products are packaged in the 275-gallon reusable tote, where applicable; HDPE (High Density Polyethylene) 55, 30, and 15-gallon drums; 5-gallon pails; gallons, four per case; and 2-liters, four per case. Green Solutions Restroom Cleaner is available in carafe style quart bottles. 12 per case. Each quart is equipped with a flip-top dispensing cap. Each case includes a pair of gloves and one foam trigger sprayer. Label copy is available in both English and Spanish. Ready-to-use labels are also available.

Green Solutions products are packaged in kraft cartons due to the high recycled fiber content. After use, they are 100% recyclable. Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this 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.

* Green Solutions High Dilution Disinfectant is formulated at a lean 1/5 ounce dilution ratio.
Green Solutions Products

have been formulated by Spartan’s in-house laboratory team consisting of both chemists and microbiologists. Regulatory issues have been addressed and meet or exceed the most current environmental concerns and those on the foreseeable horizon, offering peace of mind when selecting Green Solutions.

Raw materials are tested before use to ensure they meet Spartan’s rigorous specifications. A sample from each incoming raw material shipment is kept for a period of one year. All products are made in Spartan’s state-of-the-art computer batching system, minimizing the possibility of human error. Each batch of new product must pass quality control standards and be released by our quality control chemists before it is pumped into its respective holding vessel. Samples of every batch of product are kept for at least one year. Through a code dating system, Spartan can match the retained samples against product at an end-user’s facility. All drums and pails are safety sealed for protection before leaving Spartan’s manufacturing plant.

SUPPORT WORKER SAFETY AND THE ENVIRONMENT

Spartan is committed to a cleaner environment through the manufacture and marketing of maintenance products that are formulated with concern for health and safety of maintenance professionals. Creating products that support a cleaner environment also supports the same degree of tolerance for workers.
Clean for Health
Clean for Environment

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.

For Institutional and Industrial Use Only

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