Presentation Outline:

• Momar Company History
• The Green Movement and Momar’s Involvement
• Momar’s Partnership with the EPA’s Safer Choice Program
• Momar Greenaction Product Attributes
  • Product Details
    • Facility Maintenance
    • Floor Maintenance
    • Automotive
    • Bioremediation
    • Insect Control
    • Personal Care
  • Dispensers and Proportioners
• Training
• Facility Certification
• Founded in 1947 in Atlanta, GA by Sam Mohr

• Specialty chemical manufacturer

• Over 25,000 customers worldwide

• International manufacturing and distribution in Europe, South Africa, Malaysia, Mauritius, and Australia
Eight divisions to serve the chemical needs of our customers

- Total Fluids Management supplier
- Helping customers consolidate vendors, reduce costs, and ensure the highest quality products and services
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• Training

• Facility Certification
The Green Movement

“Governments and private companies are buying green because it results in a number of benefits - not just because they think it's the right thing to do . . .”

“. . . They are finding that Green Procurement policies reduce overall costs, offer significant opportunity to use materials, resources and energy more effectively, and improve employee health . . .”
Momar’s Green Initiatives

2001 marked the beginning of Momar’s Green Initiative
- Formation of Greenaction Product Development Committee
- Confusion - no official definition of “green” or national standard to meet
- Two year exhaustive research into green certification options:
  - Self-certification
  - GreenSeal®
  - Ecologo ®
  - United States Environmental Protection Agency Safer Choice Program

2003 Momar chose the EPA Safer Choice Program and initiated the partnership
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Momar’s Partnership with the EPA’s Safer Choice Program

Products that have earned the Safer Choice label contain only ingredients that pose the least concern among chemicals in their class.

Expert formulary assistance from the EPA’s Office of Pollution Prevention and Toxics (OPPT)

Not fee-based or corporate-sponsored

Most stringent criteria for product approval (27 categories)
- Evaluate every raw material
- Expert scientists spot negative synergies between raw materials
- Product performance review

Product literature review
- Inclusion of proportioning dispensing system
- Commitment to end-user education
27 Categories Included in the Safer Choice Program's Review

Chemical Profile
Product Performance Testing
Quality Assurance
Acute Oral Toxicity (LD50) and Inhalation Toxicity (LC50)
Acute Dermal Toxicity (LD50)
Carcinogens or Reproductive Toxins
Mutagenicity
Other Chronic Health Effects
Basic Internal Organ Effects (including Endocrine System & Blood)
Central Nervous System (CNS) Effects
Skin and Eye Irritation
Skin Sensitization
Respiratory Sensitization
Combustibility
Photochemical Smog, Tropospheric Ozone Production, and Indoor Air Quality

Acute Toxicity to Aquatic Life
Chronic Toxicity to Aquatic Life
Aquatic Biodegradability
Bioaccumulation
Eutrophication
Packaging
Concentrates
Fragrances
Prohibited Ingredients:
- Alkylphenol ethoxylates (APEs)
- Dibutyl phthalate
- Heavy metals
- Ozone-depleting compounds
- Optical brighteners

Training
Animal Testing
Labeling
Benefits of Component Based Review

✓ Spots negative synergies between product components
✓ Applies expert knowledge and predictive tools to supplement lists of chemicals of concern
✓ Uncovers chemicals of concern that can be masked by raw material blends or by dilution in water
✓ Recommends safer substitutes for chemicals of concern
Several states and municipalities have included Safer Choice recognition in their procurement standards

- New Jersey
- Oregon
- Colorado
- Washington
- Utah
- Hawaii
- Illinois
- Missouri
- Indiana
- Hundreds of municipalities

Additional states and entities are considering Safer Choice recognition for inclusion in their purchasing programs
Safer Choice Recognition by the Government and Retail Organizations

Executive Order 13101: “Greening the Government” supports products with the Safer Choice label.

Many government facilities, including all EPA facilities nationwide recognize and give preference to products that meet Safer Choice standards in their procurement standards.

The Eco Options® Group of Home Depot, the world’s largest home improvement retailer, recommends using Safer Choice products to help reduce Household Hazardous Waste (HHW).

The Green Hotels Association commends Safer Choice products for their ability to save water, energy, and all resources through environmentally-attuned practices for the betterment of all.
Momar’s Partnership with the EPA Safer Choice Program

2006 - Momar's Greenaction product line completes extensive 3½ year Safer Choice evaluation and certification process

Formalization of partnership with the EPA Safer Choice Program

14 Momar Greenaction products approved to carry the coveted EPA Safer Choice label
Momar’s Partnership with the EPA Safer Choice Program

2007 - Momar receives letter from the EPA commending Momar for:

• “leading change in the cleaning industry”

• “demonstrating active environmental stewardship and dedication to continuous improvement”

• “developing products that fully achieve environmental objectives in the institutional cleaning sector.”
2007 - Momar is honored by the Green Hotels Association and receives recognition as an Ally Member because of our commitment to serve and save our planet.
Momar Partners with More Green Organizations

2008 – Momar forms a partnership with Energy Star
Recognized by the EPA’s Safer Detergent Stewardship Initiative

2014 - Joins Atlanta Chapter of US Green Building Council

2016 - Receives GreenSeal™ approval of two products
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• **Momar Greenaction Product Attributes**

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ENVIRONMENTALLY RESPONSIBLE CHEMISTRY IN ACTION
Greenaction Product Performance

The EPA subjected all Greenaction products to a series of standardized and side-by-side performance tests.

Only formulations that performed as well or better than conventional cleaners met the Safer Choice criteria and proudly bear the Momar Greenaction logo.
Greenaction Formulary Conditions

Non-corrosive

Non-flammable
Neutral or mild pH
No fuming acids or harsh alkalis
HMIS codes of 0 or 1

Readily biodegradable
No perfumes and dyes
No VOCs

No toxic chemicals
No butyl, citrus, chlorinated, or terpene solvents
No phosphates
No phenol compounds
No chlorine or sodium hypochlorite
No ammonia
No EDTA, APE, or NPE compounds
No HAPs (Hazardous Air Pollutants)
No ODCs (Ozone Depleting Compounds)
No PROP 65 ingredients

No teratogens, carcinogens, or mutagens (suspected or positive)

• Do not require respiratory protective equipment when used as directed

• Extremely low aquatic toxicity

• Available in concentrated form and color-coded for use in Momar's MixMaster™ Proportioning Dispensers, which minimizes exposure to concentrates and maximizes cost efficiency

• Minimal packaging is reusable and recyclable, which reduces waste

• Indefinite shelf life (minimum 5 years)

• Designed for dilution with cold water to save the energy and expense required to heat water
4 Main User Benefits of Momar’s Greenaction Products

- Environmental Protection
- Worker/Consumer Safety
- Resource Conservation
- Consumer Education
Environmental Protection

- Formulated with the environment and human health strongly in mind
- Utilize ingredients with more positive attributes than those in conventional cleaning products
  - Biodegradable surfactants with byproducts that are less toxic than the parent compound
  - Sequestrants and builders that are not environmentally persistent and do not contribute to oxygen-depletion in fresh water bodies
  - Solvents that are not hazardous air pollutants and pose no threat to the Earth’s ozone layer
  - Other components with a more positive environmental profile
Worker / Consumer Safety

• Formulated to help ensure a healthier, safer workplace

• Ingredients include no chlorine, ammonium, caustics, or any volatile solvents that pose serious hazards

• Mild pH, low volatility, and non-flammable

• Safety benefits are amplified for janitors, maintenance staff, housekeepers, and others who must use cleaning chemicals in confined spaces on a daily basis

• Safer product health profiles especially benefit children, who spend a large part of their day in indoor environments and can be particularly sensitive to the chemicals in cleaning products
Resource Conservation

• Mild pH, no chlorine bleach, no harsh solvents, etc. means significant reduction in wear and tear on floors, tables, desks, counters, fabrics, and other surfaces that products come in contact with during routine cleaning.

Less Wear & Tear = Extended Usable Life = Conservation
We provide our customers with information on environmental and worker safety matters as well as proper product usage.

- Monthly newsletters
- www.momar.com/greenaction

We train our sales force who in turn train our customers on the benefits of formulations with improved environmental and health characteristics.
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KITCHEN & CAFETERIA CLEANER

- Cleans all kitchen and cafeteria surfaces
- Contains active oxygen for color-safe bleaching and deodorizing
- Dissolves away grease, oil, proteins, and starches
- Safe on counters, ovens, exhaust units, floors, walls, freezers, and tables
- Dilutes up to 1:64
- Meets USDA A-1 guidelines
- Designed for dilution with cold water to save the energy and expense required to heat water
HEAVY-DUTY CLEANER AND DEGREASER

- Cleans all hard surfaces
- Effective on tough soils such as oil and grease as well as organic soils such as fats and proteins
- Concentrate dilutes up to 1:64. Available in ready-to-use, too.
- Meets USDA A-1 guidelines
- Designed for dilution with cold water to save the energy and expense required to heat water

No VOCs
Meets USEPA and CARB VOC Requirements
No VOCs
Meets USEPA and CARB VOC Requirements

Dear Sirs:

I would like to compliment on a new product from Momar that we have been using. The new Green Heat is by far the best commercial degreaser we've seen on the market. We have tried numerous brands before and always found some type of fault with them. Most of the others were strong enough but also dangerous in the process. The other products would actually burn the skin off of my employees hands and burn when they inhaled it. Green Heat is not only strong enough to handle any job we've put it to, but it also does it safely and my employees can do their job breathing a little easier.

Thanks Momar.

Thank You,

Jay Blair
Shop Foreman
GLASS AND MIRROR CLEANER

- Cleans glass, mirrors, windshields, and all smooth, polished surfaces.
- Quickly dissolves surface film, fingerprints, dust, and tar
- Fast drying
- Non-streaking and Non-smearing
- Non-flammable
- Ammonia-free
- Meets USDA A-1 guidelines
- Lucent 20X Concentrate is designed for dilution with cold water to save the energy and expense required to heat water
NEUTRAL CLEANER WITH PEROXIDE

- The true total facility cleaner
- Safe on all surfaces, including carpet, glass, metal, plastic, vinyl, tile, marble, and wood
- Emulsifies greases and oils
- Will not strip or harm finished floors
- Safe in floor scrubbers
- Color-safe bleaching and deodorizing
- Dilutes up to 1:128
- Meets USDA A1 guidelines
- Designed for dilution with cold water to save the energy and expense required to heat water
CARPET CLEANER WITH PEROXIDE

- Cleans all carpeting, rugs, upholstery, and linens
- Removes tough stains
- Compatible with stain resistant coatings
- Color-safe bleaching and deodorizing
- Great as a laundry pre-spotter
- Compatible with all extractors, bonnets, and shampoo machines
- Designed for dilution with cold water to save the energy and expense required to heat water
BIOENZYMATIC ALL-SURFACE CLEANER

• Highly effective bio-remediation solution packed with aggressive vegetative bacteria to provide quick digestion of petroleum hydrocarbons and other soils on hard surfaces, carpet, upholstery, and laundry.

• Works 20X faster than bacillus strains

• Speeds breakdown and digestion of petroleum hydrocarbons

• Destroys odors and stains

• Premium laundry and carpet spot remover

• Contains a biodegradable surfactant to provide emulsification of greasy and oil soils

• Neutralizes ureic acid in restrooms

• High bacteria count of 1.1 trillion CFU / gallon (8.6 billion CFU per ounce)

• Does not contain an antimicrobial preservative
NON-ACID DESCALER AND CLEANER

- Cleans all restroom surfaces including toilets, urinals, ceramic tile, porcelain, brass, grout, and fiberglass surfaces
- Odorless, non-fuming
- Dissolves lime, organic encrustations, hard water stains, mildew, uric acid, rust stains, and scale
- Respond 3X Concentrate is designed for dilution with cold water to save the energy and expense required to heat water
HEAVY-DUTY NEUTRAL DEGREASER WITH PEROXIDE

- Cleans all hard surfaces
- Effective on tough soils such as oil and grease as well as organic soils such as fats and proteins
- Contains active oxygen for color-safe bleaching and deodorizing
- Safe in floor scrubbers, steam cleaners, and pressure washers
- Dilutes up to 1:128
- Meets USDA A-1 guidelines
- Designed for dilution with cold water to save the energy and expense required to heat water
NEUTRAL FLOOR CLEANER

- Cleans all hard flooring surfaces
- Anti-resoil technology dries residue-free
- Emulsifies greases and oils
- Will not strip or harm finished floors
- Safe in floor scrubbers
- Dilutes up to 1:128
- Meets USDA A-1 guidelines
- Designed for dilution with cold water to save the energy and expense required to heat water
HIGH-SPEED FLOOR RESTORER

• High speed floor cleaner & maintainer for automatic or mop-on use

• Repairs gloss-killing scuffs and micro-scratches while hardening the floor finish for improved durability and soil resistance

• Restores Gloss and Brilliance

• Protects floors from expensive wear

• Reduces dust during high speed burnishing

• Meets USDA A-1 Guidelines

No VOCs
Meets USEPA and CARB VOC Requirements
DUST CLOTH & DUST MOP TREATMENT

- Removes dust, dirt, and other light soils before they scratch the floor or becomes embedded in the floor surfaces
- Compatible with all floor finishes and coatings as well as polyurethane treated floors
- Designed for microfiber, rayon, and cotton materials
- Contains no oils and dries 100% film free
- Economical – High Use dilution
- Meets USDA A-1 Guidelines
- Magnet 128X Concentrate is designed for dilution with cold water to save the energy and expense required to heat water

No VOCs
Meets USEPA and CARB VOC Requirements
ODORLESS FLOOR STRIPPER

• Floor Stripper Coating, Finish, Wax and Seal Remover
• Safe for use on vinyl, linoleum, rubber, terrazzo, sealed wood and cork flooring
• Works on all conventional metal-interlocking floor finishes as well as environmentally preferable, zinc-free floor finishes such as Tough-As-Nails Green
• Odorless, colorless, non-flammable
• Works with floor machines or without floor machines and liquefies floor finishes in seconds for easy removal
• Removes up to 50% more wax per application and rinses easier, leaving no residue behind
SELF-INTERLOCKING FLOOR COATING

• 25% Solids, Environmentally Responsible Floor Coating

• Complies with CARB and National VOC standards and is designed to meet the most stringent environmental criteria

• Excellent soil resistance, detergent resistance, recoatability, buffability, and removability

• Dries faster than most metal-interlocking floor finishes . . . 30 minutes or less between coats

• With a coverage rate of 2100-2600 square feet per gallon, Tough-As-Nails Green is very competitive with conventional floor finishes

• Designed to be maintained with a neutral floor cleaner like Momar's Envision, Vision, Neutra-Dis, or Neutra-Gold

• It strips easily with Momar's One-Way and 2-Way, but Pry-Bar Odorless Floor Stripper is designed specifically for Tough-As-Nails Green
Case Study – Duke University

The final result of the case study can be seen above. The yellowed floor was stripped with Pry-Bar Floor Stripper, neutralized with Envision Neutral Floor Cleaner and coated with Tough As Nails Green Floor Coating. The differences are apparent. The result, Momar’s “Green” floor care products produced a brilliant shine and gave the floor a glossy, “wet” look that will withstand gloss-killing dirt, grit, and sand.

Read the next page for the step-by-step procedure used to achieve these drastic results.
Case Study – The University of North Carolina, Greensboro

The final result of the case study can be seen to the left. Embedded dirt and grime plagued the high traffic areas and doorways. The UNCG staff properly maintained their floors, however the soft, penetrable floor finish made it virtually impossible to free trapped dirt and grime to produce a high shine, glossy floor. The floor was stripped with Pry-Bar Floor Stripper and coated with Tough As Nails Green Floor Coating. The results were amazing! Momar's Green Floor Care Products gave the floors a high shine, glossy, “wet”look that resists the penetration of dirt and grime.

Read the next page for the step-by-step procedure used to achieve these drastic results.

"...we can't even scratch the finish and we're really happy about that."
- Tatum and Winchester

UNCG was looking for a green floor care solution that was as effective, if not more effective, than conventional floor care products. Momar answered the call with a complete line of green floor care products. Pry-Bar Floor Stripper and Tough As Nails Green Floor Coating were the green products used and observed during this case study.

The Pry-Bar Floor Stripper was critiqued along the following criteria:
- Dilution Rate
- Effectiveness of existing floor finish removal
- Odor
- Safety

The Tough As Nails Green Floor Coating was critiqued along the following criteria:
- Gloss/Shine
- Ease of Use
- Drying Time
- Durability
- Coverage Rate
- Ease of Maintenance

1. In The Beginning
   This before picture shows a well maintained floor, however the finish was slightly yellow, had low gloss, and had worn considerably in high traffic areas and doorways. There were dark black marks where the furniture had been.

2. Application of Momar's Pry-Bar Floor Stripper
   Only one application of the Pry-Bar Floor Stripper was needed to remove the existing floor finish. The stripping dilution ratio chosen was commensurate with the removal of a high solids floor coating (1 part Pry-Bar was diluted with 2 parts warm water). Pry-Bar did not require a stand-time as soon as the solution was mopped onto the floor, the floor machine was able to easily remove the finish. No offensive odors were observed, and some people perceived a sweet fragrance emanating from the floor.

3. Stripper/Finish Removal
   A wet/dry vac was used to remove the stripper/finish mixture from the floor. As the floor dried, many commented on how well Pry-Bar cleaned and brightened the floor during the stripping process. The floor seemed much whiter because the detergents in Pry-Bar removed embedded wax and soil from the pores of the tile.

4. Floor Neutralization
   An in-house floor cleaner was used to neutralize the floor after the stripper had effectively removed the floor finish. The wet/dry vac was used to remove residue still on the floor. Momar's Envision Floor Cleaner would have been just as effective at dilution rates as low as 1:256 (half-ounce per gallon).

5. Application of Tough As Nails Green Floor Coating
   The Tough As Nails Green Floor Coating was applied using an EasyShine Applicator. Less than one gallon of product was used for the initial coat which covered approximately 2400 square feet. The coating went down very easily, leveled well, dried in about 25-30 minutes, and no train-smeared colors were observed. Four more coats of Tough As Nails Green Floor Coating were applied for a total of 5 coats.

6. Three Days Later
   It is easy to see that the floor has a much cleaner, brighter appearance and it was even commented that the floor "looked like glass." Tough As Nails Green has exceptional shine and will not yellow if it is maintained correctly with regular sweeping and buffing or burnishing. In fact, Tough As Nails Green doesn't even have to be stripped if it is kept clean. Just recoat yearly or as needed.
ULTRA-CONCENTRATED VEHICLE WASH

- Cleans all types of vehicles
- Removes bugs, gas, exhaust film, heavy dirt, grit, oil, road film, sludge, tree sap, and salt
- Clinging foam action
- Dries streak and spot free
- Safe on all surfaces and metals, even aluminum
- Low viscosity formulation is easy to handle and dispense
- Dilutes up to 1:256
- Designed for dilution with cold water to save the energy and expense required to heat water

Extremely Low VOC
Meets USEPA and CARB VOC Requirements
CHAMPAIGN COUNTY ENGINEER
Paul Wright, Equipment Maintenance Supervisor

Bill,

My name is Paul Wright, I am the Equipment Maintenance Supervisor for the Champaign County Engineer in Urbana Ohio. Phil McQueen, our Momar Representative, was in to see us this morning and I am happy to report we were able to purchase our second barrel of Brute Truck & Trailer Wash.

We annually chip and seal about 140 miles of roadways each year and our fleet of ten dump trucks and two asphalt distributors require extensive cleaning. For several years we have used Momar’s Cherry Degreaser mixing it with another detergent. This was sprayed on with a hand sprayer, left to set and soak, then pressure washed. This was repeated until the truck was clean, which normally took two people two days per unit to complete.

When Phil told me about Brute I thought he was exaggerating what it would do, we have never seen a product mixed with water that would cut tar. When we started the cleaning process I asked the people to give Brute a try. What a surprise! We apply the Brute through the pressure washer and the asphalt begins to come off after letting it soak for about five minutes. One person can clean and wash a truck in the same time it took two people before.

By the time we are finished this year we will use one barrel of Brute compared to the two barrels of degreaser and one barrel of detergent that we have always used in past years. That is a cost savings of about $1,600.00 and 192 hours of labor. Coupled with the fact that Brute is EPA friendly, I am convinced you have a winning product.

Thanks for a product that works.

Paul Wright
Paul L. Wright, Equipment Maintenance Supervisor

Champaign County Engineer • 428 Beech Street • Urbana, OH 43078
Phone: 937-653-4848 • Fax: 937-653-3172
BIOENZYMATIC WASTE DIGESTER

• Bioenzymatic Drain, Grease Trap, Lift Station, and Lagoon Digester

• Reduces sludge levels and total suspended solids (TSS)

• Reduces surcharges by lowering CODs and BODs.

• Reduces odors and Hydrogen Sulfide levels

• Safe in all drainage and waste systems- does not contain emulsifiers, surfactants, or antimicrobial agents

• Designed to quickly digest fats, oils, greases, and other petroleum hydrocarbons

• High bacteria count of 1.1 trillion CFU/gallon (8.6 billion CFU per ounce)

• Dispense with the Momar Maintain-It-All™ Pump
Christopher Cardiff – Director of Engineering
Wyndham Miami Airport Hotel & Executive Meeting Center
3900 NW 23rd St.
Miami, Fl. 33142
305-870-8126

April 14, 2008

To whom it may concern::

As Director of Engineering for a 405 room hotel here in Miami one of the last things I need to worry about is proper drainage. We have a very large F&B department and many functions and events every week, our Kitchen is extremely busy and does a very high volume on a daily basis. The Kitchen had a severe drainage problem and the Grease Trap’s were being pumped every 2 months. I brought in Rick Kramer from Momar to install an enzyme treatment system, after jetting out the lines and installing the system it has been 4 months and not one back-up, and when we had the Trap’s pumped our bill was less then half the usual amount.

I have used Rick at my last 3 properties and have been nothing but happy with the results and service. I am proud to recommend Rick’s service to any of my colleges.

Sincerely,

Christopher Cardiff
Director of Engineering
ALL NATURAL INSECTICIDE WITH RESIDUAL

• Rapid knock down and kill within 30 seconds of contact. Provides residual control and repellency for up to 1 month

• Deodorizes as it works with a fresh wintergreen fragrance

• A superior alternative to synthetic pyrethroids

• Safe to use in areas where food is prepared and stored. Safe to use around people and pets

• No protective equipment required during application. EPA Exempted Product - Minimum Risk Pesticide

• Dispense with the Maintain-It-All Pump to kill and repel drain flies

No VOCs

Meets USEPA and CARB VOC Requirements
City of Fredericksburg
126 West Main Street
Fredericksburg, TX 78624

Date: December 4, 2008

To: Bill Bowen, Momar, Inc.

From: J. Horry, City of Fredericksburg Wastewater Plant Manager

Subject: Thyme Bomb

Bill,

Just wanted to drop a note to let you know that the Thyme Bomb we purchased from you back in November has been working great. We now use it in all of our buildings and it has eliminated all the insects that we were having troubles with. In one building we had a problem with Wood Ants, but after using Thyme Bomb just one time we have not had anymore ants – not even a sign of them.

We will use Thyme Bomb from now on.

Thank You,

J. Horry
BIODEGRADABLE FOAMY HAND SOAP

• Grapefruit-scented hand and arm foam soap
• Emollients and skin conditioners ensure mildness
• No triclosan
• Neutral pH
• USDA E4
• 11,000 applications per gallon
• Eligible to earn points under LEED Green Cleaning Products and Materials Credit
• Dispense with the Momar Clear-Vu 46 Foam Soap Dispenser
Greenaction Products Currently Awaiting Safer Choice Approval
DRAIN OX™

STABILIZED BIO-OXIDANT SOLUTION

- Devours grease, oil, fat, tissue, blood, cellulite, and organic matter from kitchen drain lines, grease traps, lift stations, and surgical drains
- Scavenges poisonous hydrogen sulfide, preventing metal corrosion
- Raises dissolved oxygen levels while lowering CODs, BODs, TSSs, and Oil & Grease
- Meets the most stringent municipal wastewater requirements because it contains no surfactants, bacteria, enzymes, or solvents and actually boosts biological metabolic activity
- Dispense with the Momar Maintain-It-All Pump
LIQUID DYNAMITE II™

LAUNDRY DETERGENT

- Concentrated liquid laundry detergent with enzymes
- Fortified with optical brighteners to improve fabric brightness
- Does not deteriorate fabrics like chlorinated detergents
- Removes embedded soils, grease, and oils
- Effective in hard or soft water
- Fresh, clean aroma
- Stable, controlled sudsing
- Phosphate-free
BALANCE™

LAUNDRY BUILDER & BREAK

• A concentrated blend of alkaline laundry builder formulated to condition laundry cycles for hard or soft water tolerance

• Highly concentrated laundry builders boost the cleaning efficacy of detergent

• Contains sequestrants and deflocculants that suspends soil and guards against soil redeposition

• Prevents hard water, calcium, lime and scale build up

• Prevents yellowing and graying of linen in hard water

• Extremely compatible with various detergents and automatic laundry machines

• Liquid concentrate mixes easily and works immediately

• Eliminates the need for increased detergent usage
OXYGEN BLEACH™

STABILIZED, COLOR-SAFE BLEACHING AGENT

- Highly concentrated oxygen bleach for applications requiring a color-safe bleach
- Contains optical brighteners to whiten whites and brighten colors
- Provides added grease and stain removing power
- Removes wine, blood, dirt, tomato, grass, and ink
- Eliminates tensile strength loss, a problem caused by residual chlorine
- Avoids brown stains caused by chlorine reactive stains
LEMON SILK™
LAUNDRY SOFTENER & SOUR COMBINATION

• Imparts a smooth, soft “hand” to flat work and linen. Fluffs out towels while neutralizing residual alkalinity
• Controls static electricity by imparting anti-static properties to fabrics and linens
• Supplies lubricity and prolongs fiber life
• Prevents yellowing and graying
• Strips hard water and iron deposits
• Reduces handling and finishing time
• Leaves fabric with a fresh, clean, citrus fragrance
• Safe on cottons, linens, and synthetic fabric
• Dilutes 1-4 ounces per 100 pounds of laundry
SUN UP GREEN LIQUID™
MANUAL POT & PAN / TURBO SINK DETERGENT

- Rich mixture of emulsifiers, degreasers, wetting agents, and penetrants designed to remove kitchen soils from dishes, glasses, pots, pans, and utensils
- Removes soils and holds them in suspension for streak-free rinsing
- Concentrated and high foaming for longer use before changing of wash water
- Safe on aluminum, brass, cast iron, china, copperware, plastic, porcelain, silver, and other sensitive surfaces
- Dilutes 1-2 ounces per 10 gallons of water
- pH = 7.4, colorless, pleasant fragrance
- Mild on hands
GREEN HEAT LOW TEMPERATURE™
FREEZER & LOCKER CLEANER AND DEGREASER

- Heavy-duty and concentrated
- Non-alkaline, high foaming
- Suitable for use on all surfaces in cold production areas
- Formulated with propylene glycol as the freeze point depressing agent, so it is safer than alcohol and ethylene glycol based freezer cleaners
- Freeze point of 15°F
- Effective on tough soils such as oil and grease as well as organic soils such as fats and proteins
- Unscented
- Meets U.S.D.A. A1 guidelines
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3 Keys to Being Truly Green

Controlling product dilution

Controlling product usage

Controlling product cost
Mixes concentrated products with water at the correct dilution rate and dispenses the ready-to-use solution into mop buckets, floor scrubbers, quart bottles, carpet extractors, etc.

Perfect for all Momar Greenaction Products, Disinfectants, and other Concentrated Products.
Color-coded program starts at the MixMaster and ends at the use-solution bottles and trigger sprayers to prevent misuse of products and prevent cross-contamination.
Jug racks and bottle racks are installed with each MixMaster to prevent spills, ensure organization, and provide security.
MOMAR MAINTAIN-IT-ALL PROPORTIONER

Fully automated, programmable chemical dispensing pump. Available in plug-in and battery-operated models. Heavy-duty peristaltic pump meters 5 ounces per minute. Up to 24 programmable events with run times as little as 1 second and as long as 20 minutes. Perfect for maintaining drains with Passage, killing and repelling drain flies with Thyme Bomb, or deodorizing dumpsters.
KNIGHT SINK MATE

Heavy-duty chemical dispensing system. Water driven to automatically product consistent mixes of detergent and sanitizer with just the turn of a knob. 16 different dilution rates are achievable. 4 gallons per minute volume fills deep skinks and presoak pans fast. Can be plumbed directly to the water supply or connected to the sink faucet with the Faucet Plus Sink Adapter Kit. Perfect for Sun Up Green Detergent and First Mate Sanitizer.
KNIGHT DIGISET DIGITAL AUTOMATIC WARE WASH DISPENSER

Multi-product, state-of-the-art, warewash chemical feed and control system for commercial dishwashing machines of all sizes. Utilizes Smart Sense technology that monitors detergent dispersion rates in wash tank and uses patent-pending feed logic to achieve consistent, reliable chemical concentrations. Probe or probeless modes.
✓ Going green does not have to cost more
✓ Done right, you will save money
✓ Momar has the products, equipment and experience to help you do it right
A 5-year cost study of producing conventional cleaners versus comparable green cleaners.

The graph titled "Conventional vs Green Product Costs over Time" shows the cost progression over time from 8/1/2003 to 7/5/2008. The line graph compares the costs of conventional products (black line) and green products (green line) with markers for specific dates.

Key observations:
- Conventional product cost starts at $9.90 and increases steadily over time.
- Green product cost starts at $13.90 and shows a slightly more fluctuating trend.
- Both lines show a significant increase in cost towards the end of the period.
University Study of Cleaning Costs in Two Identical Dormitories: One using Green and One using Conventional Products

Quarterly Chemical Costs For Each Dormitory

- Quarterly Costs "Conventional"
- Quarterly Costs "Green"

Time:
Presentation Outline:

• Momar Company History
• The Green Movement and Momar’s Involvement
• Momar’s Partnership with the EPA’s Safer Choice Program
• Momar Greenaction Product Attributes
• Product Details
  • Facility Maintenance
  • Floor Maintenance
  • Automotive
  • Bioremediation
  • Insect Control
  • Personal Care
• Dispensers and Proportioners
• Training
• Facility Certification
INSTALLATIONS, TRAINING, AND SERVICE

Momar representatives install all equipment (proportioners, dispensers, tubing, racks, etc.). We do not use service technicians. Actual Momar employees handle all of the installations.

Momar representatives train all employees on proper equipment usage, product handling, product usage, safety, and trouble-shooting. This training is repeated annually or upon request.

Momar representatives service all equipment and insure that the right measures are being taken to insure proper dilution rates, proper product usage, and safe product handling.

Momar representatives are local and can respond to emergency service needs within 24 hours.
Greenaction Playbook

- Momar’s Greenaction Task Force
- Playbook – How to go green
- Easy 3-Step Program
- No guesswork
- Less confusion
Provide your current product MSDSs to Momar’s Greenaction Task Force along with a brief description of the product’s application.

Momar’s Greenaction Task Force will evaluate the products you are using and return a Greenaction Proposal complete with product crossovers.

Use Mixmaster proportioning dispenser to convert Greenaction concentrates to economical use-solutions.
- Customized report
- Product-by-product crossover
- Benefits of making recommended transition
- Use-cost comparison and projected annual savings
The Greenaction Guide to Developing A Green Cleaning Program

Define the goals.
Agree on the plan.
Implement the plan.
Continue to improve.
The Greenaction Guide to Developing A Green Cleaning Program

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Once all of the opportunities and challenges are understood by everyone involved, progress can begin by building a successful green cleaning plan. Successful green cleaning plans must balance practicality and affordability. The most successful plans often address:

- Cleaning chemicals
  - Replace all concentrated cleaning chemicals with products that meet the U.S. EPA’s Safer Choice, Green Seal, or Environmental Choice certification standards.
  - Whenever possible, replace ready-to-use products with dispensing, proportioning systems that can safely convert economical concentrates into ready-to-use solutions.

- Sanitizers
  - Sanitizers that contain ammonia, peroxide, or chlorine are often unnecessary in facilities with high moisture levels or proper ventilation.

- Deodorant sprays
  - Use sprays that contain natural essences such as eucalyptus, citrus, or lavender.

- Paper products
  - Use recycled, biodegradable paper products.

- Equipment
  - Use equipment that meets the California State Energy Efficiency Standards.

- Procedures
  - Establish a policy against eating at desks to help prevent pest infestations.

- Training
  - Implement a green cleaning training program that encompasses material handling, product usage, and safety training.

- Waste
  - Implement a recycling program if one is not already established.
  - Standardize waste receptacles sizes and purchase liners appropriate for the size.

- Fiber care
  - Implement a sustainable, no-soap or low-sudsing floor-care program that incorporates a high traffic, zinc-free, phthalate-free floor finish, a butyl-free, non-caustic floor stripper, and a combination of spray buffing, burnishing, sweeping, and recoating processes.

- Food waste
  - Utilize composting programs to reduce waste and improve productivity.

- Janitorial paper products
  - Use recycled, biodegradable paper products.
  - Use recycled, biodegradable paper products.

- Equipment
  - Use equipment that meets the California State Energy Efficiency Standards.

- Procedures
  - Establish a policy against eating at desks to help prevent pest infestations.

- Training
  - Implement a green cleaning training program that encompasses material handling, product usage, and safety training.
The Greenaction Guide to Developing A Green Cleaning Program

Define the goals.
Agree on the plan.
Implement the plan.
Continue to improve.

Once the green cleaning plan is established and everyone is in agreement with how to proceed, implementation of the plan can begin.

II. Implementation: putting the plan into action

Successful implementation of a green cleaning plan requires the participation and understanding of everyone who cleans and occupies a building. The assembly of a steering committee is often key to the proper execution of the plan. Steering committees usually consist of representatives for all departments who meet occasionally to discuss the plan, prioritize tasks, and overcome problems that may arise along the way. It is important that the green team gains the full support of the plan from the steering committee if successful implementation is expected.

The steering committee is responsible for getting the resources needed to implement the plan. The steering committee also manages the expectations of the departments and personnel who they represent. All successful green cleaning programs have one major thing in common: open lines of communication. It is important that everyone involved has a voice and that the steering committee recognizes and acts on the input they receive.

III. Stewardship: the art of continual improvement

Keeping your green cleaning program on the cutting edge requires a plan that allows for change and growth. Technological improvements in chemistry, paper, and equipment for the cleaning industry have advanced a great deal in the past and will continue to advance in the future. What is green today, may not be considered green 5 to 10 years from now. Given that green cleaning is in a constant state of improvement, a key part of any green cleaning program needs to be the evaluation of newer products, equipment, and procedures. A relatively easy way to keep up with change is to establish a subgroup within the green team tasked with the annual or semi-annual evaluation of new product, equipment, and procedures. Following their evaluation, they should present their recommendations to the steering committee for discussion. Phase in implementation as older products are used up or equipment needs to be replaced. Some specific methods these groups typically employ include:

- Subscription to industry journals.
- Attendance of national and regional trade shows sponsored by ISSA.
- Joining of associations such as the Building Service Contractors Association International, Hospitals for a Healthy Environment, or the Healthy Schools Campaign.
- Develop a good working relationship with suppliers. They can provide a wealth of information.
The Greenaction Guide to Developing A Green Cleaning Program

Define the goals.
Agree on the plan.
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Continue to improve.
Benefits to following the Greenaction Path:

- **High-Performance Cleaning:** Greenaction products are proven to work as well or better than conventional products, guaranteed.
- **Safer Workplace:** Greenaction products are EPA DfE approved to minimize effects on human health and the environment.
- **Consolidated Inventory:** The average supply room has 14 different cleaning products, which we consolidate to 8 or less.
- **Reduced Chemical Exposure:** Because concentrates are diluted and dispensed by the MixMaster, exposure to chemicals is reduced significantly.
- **Cost Savings:** Because products are diluted to their optimum use-concentration by the MixMaster system, the costly “slug-slug” method of mixing chemicals is avoided.
- **Reduced Packaging Wastes:** Because 1 gallon of a Greenaction concentrate can produce dozens and dozens of quarts of use solution, and the use-solution bottles provided by Momar are durable and can be used over and over for years, packaging waste is reduced by 95%.
CONCLUSION

**Greenaction Products cost less to use.**
Conventional products don't dilute as much. Greenaction products are generally 2-3 times more concentrated than conventional products. That means the "use-cost" of Greenaction products is 50-70% less than conventional products.

**Greenaction Products work better.**
Greenaction products outperform traditional products in side-by-side cleaning tests 9 times out of 10. That means that the cleaning job is done right the first time with less product, less effort, and less labor costs.

**Greenaction Products are safer for human health and the environment.**
Greenaction products decrease potential risks to workers and significantly reduce wear and tear on hard surfaces, carpet, fabrics, and other surfaces that they come in contact with. That means that equipment, floors, walls, and other surfaces cleaned with Greenaction products last longer, which saves money by extending their usable life.
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  • Automotive
  • Bioremediation
  • Insect Control
  • Personal Care

• Dispensers and Proportioners

• Training

• Facility Certification
Momar has been granted with the power to recognize Greenaction Facilities who meet the following requirements:

Transition at least half of their maintenance chemicals to green.

Install a MixMaster or comparable proportioning dispenser to control product dilution and usage.

Are actively pursuing other avenues to reduce their impact on the environment.
Momar’s Greenaction Product Line is environmentally responsible chemistry in action. Greenaction products utilize the latest, "greenest" technology to perform cleaning tasks better than traditional products while minimizing the effects on environmental and human health.