

**WARSAW**  
CHEMICAL



# PRODUCT GUIDE



**Proven, Powerful and  
Cost-Effective Solutions**



Based in Warsaw, Indiana and established in 1941, Warsaw Chemical is committed to delivering the best products and service in the industry. Our family of more than 300 products includes a full line of the highest quality detergents, polishes and protectants based on decades of formulating experience.

You'll find our car wash products used in every type of auto wash from tunnels and automatics to touchless and self-service facilities. Each year, thousands of distributors and operators nationwide count on Warsaw Chemical to provide high quality solutions that clean better and save money.

### INDUSTRY LEADING TURNAROUND TIMES

All of our products are manufactured and shipped directly from our U.S. based manufacturing and distribution center centrally located in the Midwest.

We maintain a large inventory of our most popular items, meaning you can count on receiving your products in days rather than weeks.

### DELIVERED TO YOU OR YOUR CUSTOMERS

Whether we are delivering direct to you or your customers' locations throughout the Midwest, you can rely on our experienced team of drivers to ensure your products arrive safely and on time.

Each year, our fleet of trucks and trailers log nearly a half million miles delivering over 1.5 million gallons of liquid products and another 350 thousand pounds of powders.



### RESPONSIVE SALES & CUSTOMER SERVICE

From assisting in the field to ensuring your orders are processed and fulfilled accurately and on time, you can count on our team to help you through every step of the process.



Clean with the power of green. These reclaim compatible products provide maximum cleaning power and are earth friendly. When used as a total performance package Weather Shield products provide unparalleled shine and long-lasting, triple layered durable protection.

**See pages 4 & 17**

### Guardian Ceramic Coating

A truly unique combination of bonding and leveling agents that optimize the interaction between the ceramic, cationic silicone polymers and carnauba creating an unbeatable total surface protectant.



**See page 9**



Our experienced and responsive team will work with you to identify the appropriate products, evaluate and set proper dilution rates, calculate costs per car and answer any other questions you may have.

## SETTING NEW STANDARDS FOR INNOVATION, QUALITY AND PERFORMANCE

Car Choice Wash Products® are recognized for their outstanding performance and value.

From liquid and powder concentrates, cleaners, degreasers and detergents to presoaks, drying agents, protectants, tire and wheel cleaners, you're simply not going to find a better family of products for the money.

## CUSTOM BLENDING & BRANDING

Our in-house laboratory, experienced chemists and marketing team, can work with you to develop and market your own line of unique products.

We also offer private labeling on our family of existing products and/or can work with you to customize our products to your specifications. Our graphics department can also design custom labels.

With low minimum quantities and unbeatable value, our custom blending and branding program is a great way to promote your name with minimal investment.

## LOW MINIMUM VOLUMES & NO CONTRACTS

Call us old-fashioned, but we still like to do business on a handshake without the need for cumbersome or restrictive agreements.

Our low quantity requirements offer us the ability to work with businesses of all sizes. Our customers vary in size from small rural distributors and operators to larger multi-national companies.

## Auto Detail Products

A comprehensive family of high performing and cost-effective interior and exterior auto detailing products.



**See page 17**

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**PRE-SOAKS (LIQUID)****FORMULA 576**  
**"THE FINISHER"**

Designed for use with Formula 575 "The Solution" to achieve an unbeatable and completely non-corrosive two-step cleaning process. Biodegradable and very effective as a single-stage high pH pre-soak.

**FORMULA 534**  
**WONDER PLUS**

High pH alkaline liquid pre-soak concentrate for frictionless cleaning in automatic and self-service car washes. Our premium liquid pre-soak for frictionless washing. Pleasantly scented. Reclaim version available upon request.

**FORMULA 540**  
**IMPROVE FRICTIONLESS PRE-SOAK**

Single stage high pH liquid alkaline pre-soak. Effectively cuts through tough road film and oils. Designed for use in frictionless car wash systems. Effective in all temperatures. Contains a unique surfactant for better cleaning. Excellent for use in reclaim systems. Also available with black cherry scent.

**HOT SHOT ALKALINE PRE-SOAK ENHANCER**

Allows for the ultimate in cleaning performance and flexibility. Produces exceptional cleaning results when used in conjunction with alkaline-based pre-soaks Formula 534 Wonder Plus or Formula 576 The Finisher.



**GREEN LINE SOLUTIONS**

- No phosphates
- No HF or hazardous chemicals
- No petroleum solvents
- No nonylphenol ethoxylates (NPEs)

Look for this symbol in the description

**PRE-SOAKS (POWDER)****FORMULA 564**  
**FILM BLASTER**

Powerful high pH alkaline powder designed for frictionless and reduced friction washes when cleaning conditions are at their toughest. Rinses without leaving a film residue.

**FORMULA 564NP**  
**FILM BLASTER**

Non-Phosphate version of Formula 564. Use with soft water only.

**FORMULA 564B**  
**FILM BLASTER LIQUID BOOSTER**

Liquid booster for use with Formula 564 Film Blaster.

**FORMULA 508**  
**HEAVY DUTY POWDER PRE-SOAK**

Highly concentrated heavy duty high pH alkaline powder pre-soak formulated especially for frictionless car washing. Excellent for use as second step in the two-step low pH/high pH wash process. Cost effective. Our best selling powder for frictionless in-bay automatics.

**FORMULA 508 PLUS**  
**HEAVY DUTY DETERGENT/PRE-SOAK PLUS**

Same concentrated powder as Formula 508 with increased alkalinity and sudser.

**FORMULA 588**  
**HEAVY DUTY POWDER PRE-SOAK**

Non-Phosphate version of Formula 508. Use with soft water only.

**FORMULA 588 PLUS**  
**HEAVY DUTY DETERGENT/PRE-SOAK POWDER**

Non-Phosphate version of Formula 508 Plus. Use with soft water only.





## LOW pH PRE-SOAKS

### FORMULA 575 "THE SOLUTION"

The new generation in two-step cleaning. Exceptional low pH cleaner without the hazardous ingredients found in most low pH products. Superior removal of road film and windshield mask. Designed for use with Formula 576 "The Finisher".

Great foam show and refreshing citrus scent.  

### FORMULA 574 LEMON ELIXIR LOW pH LIQUID PRE-SOAK

Low pH acetic pre-soak designed for use in frictionless automatics and reduced friction conveyor car washes when used in conjunction with the alkaline step for the two-step cleaning process. Outstanding cleaner without the dangerous ingredients found in most low pH products.  

### FORMULA 536 LOW pH LIQUID PRE-SOAK

A unique blend of solvents and emulsifiers which gently penetrate and lift away difficult to remove road film and oils. Excellent when used in touchless applications. Can be used as a pre-soak or low pH detergent.

## DETERGENTS

### FORMULA 582 ULTRA CLOTH LOW pH SHAMPOO

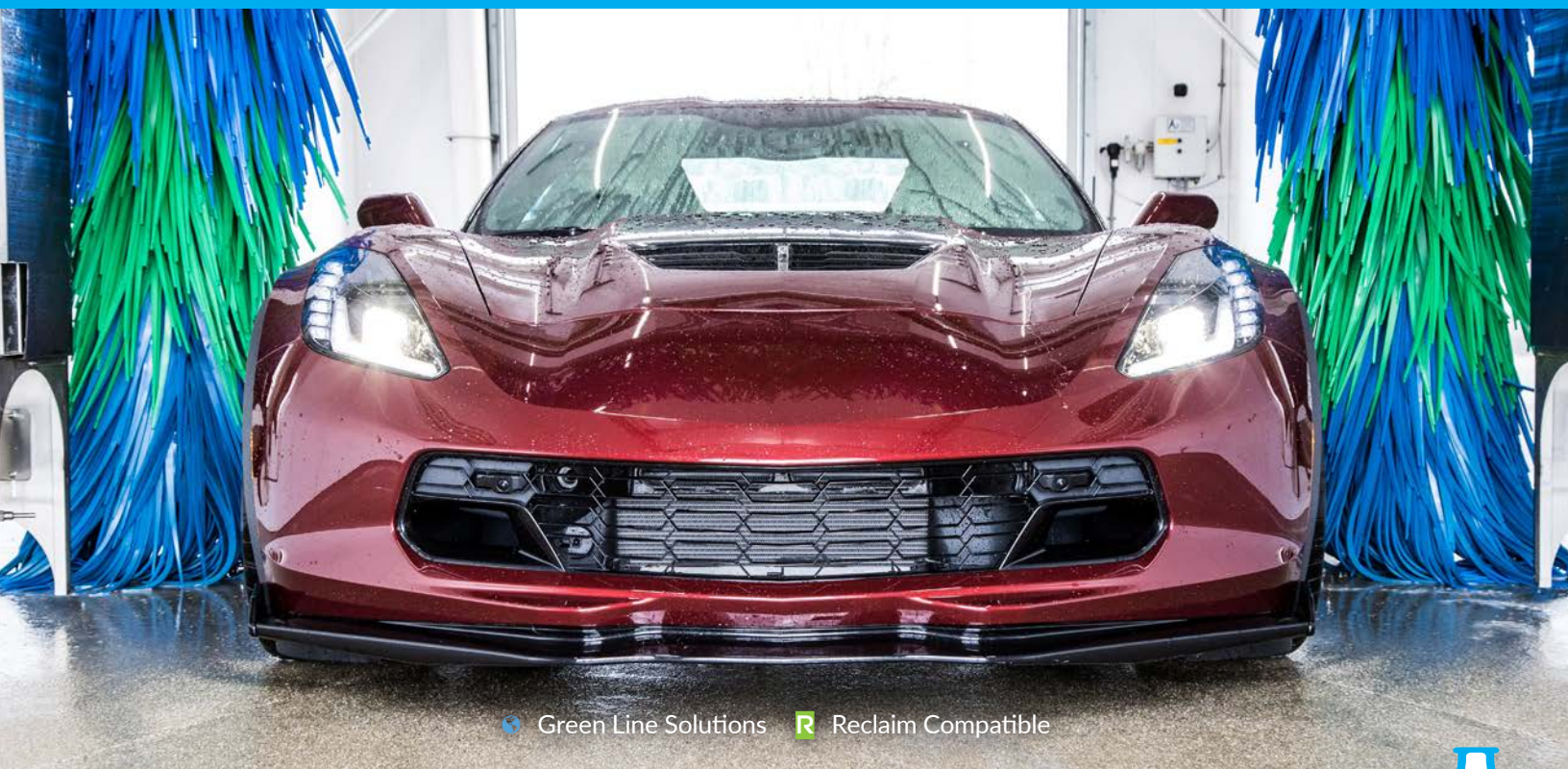
Exceptional high foaming, low pH liquid shampoo without the hazardous ingredients found in most low pH products. Ultra concentrated, helps brighten glass, chrome, and vehicle finish.

### FORMULA 577 SILKY SUDS

High lubricity foaming detergent designed for use in all foam, cloth, and brush washes. Produces a thick, rich lather for added lubricity. Highly concentrated.

### FORMULA 531 ACHIEVE


Our premium high pressure detergent concentrate. Excellent lubricating, foaming and cleaning properties make this product ideal for friction and reduced friction washing.





 Green Line Solutions  Reclaim Compatible

## PROTECTANTS

### FORMULA 579 See page 9 NEW! GUARDIAN CERAMIC COATING


The ultimate total surface protection, powered by ceramic technology. This revolutionary new formula delivers a noticeably brighter vehicle, that is softer and smoother to the touch. 

### FORMULA 573 WEATHER SHIELD ALL SEASON TOTAL SURFACE PROTECTANT\*


A total vehicle surface protectant designed to repel water and deliver a high gloss shine and protection to vehicle surfaces, including paint, glass, and chrome. Surface reactive silicones and fluoro polymers bond to vehicle surface for outstanding shine and protection. Offer your customers a premium service that provides lasting value with no added labor. Fresh Blueberry Scent.  

## DRYING AGENTS



### FORMULA 590 DRY X 40

Formula 590 Dry-X-40 is a highly active premium drying agent that breaks water on contact. Formulated for use with cold or hot water rinse arches. Dry-X-40 is highly concentrated and economical to use, product will not smear on glass or paint, and has excellent drying efficiency. 

### FORMULA 580 WEATHER SHIELD DRYING AGENT


Formula 580 Weather Shield is a long lasting drying agent formulated with the latest advances in polymer technologies. It begins by creating a fast water break that accelerates the drying process, and then converts to a durable long lasting polish, greatly reducing the adhesion of dust and bugs to the vehicles surface. Provides UV protection to the surface reducing damage caused by acid rain and oxidation. Product will not smear on glass or paint. 

### FORMULA 570 BERRY DRY

Revolutionary berry scented, polymer based hydrocarbon-free drying agent/clear coat protectant containing siliconized carnauba for enhanced shine and maximum drying capabilities.  

## CONDITIONERS/POLISH

### FORMULA 557 RADIANCE® TRI-COLOR JAZZ FOAM POLISH

The most electrifying triple foam polish on the market today. This concentrated, multi-colored polish is available in Sizzling Pink, Brilliant Blue, Velocity Yellow, and Arctic White. All contain an invigorating Tropical Scent. pH balanced for easy rinsing. Silicone fortified and pH balanced for excellent shine and protection while providing enhanced water beading. 

### FORMULA 567 WEATHER SHIELD TRI-COLOR FOAM POLISH\*

WeatherShield Foam Polish is the most technologically advanced foam polish in the market today. This revolutionary new formula incorporates the very latest advances in polymer chemistry technology. Foam Polish contains surface reactive silicones and fluoro polymers which bond to vehicle surface for outstanding SHINE, PROTECTION, and WATER BREAK. Available in Sizzling Pink, Brilliant Blue, and Velocity Yellow and contains an invigorating Green Apple Scent.  



**WEATHER SHIELD**

*Use the*

**WEATHER SHIELD  
TOTAL PROTECTION  
PERFORMANCE  
PACKAGE**

**WEATHER SHIELD TRI-COLOR FOAM POLISH  
WEATHER SHIELD TOTAL SURFACE PROTECTANT  
WEATHER SHIELD DRYING AGENT**

*The most comprehensive plan of action to keep your customer's cars looking beautiful!*





## WAVE SHIELD PRODUCTS


### **FORMULA 701** **WAVE CURTAIN FOAM BATH**

Step one in the Wave Shield process. Wave Curtain is a unique low pH, high-foaming liquid detergent concentrate. Delivers a high visual appeal. Available in Sizzling Pink and Velocity Yellow.


### **FORMULA 702** **WAVE SHINE LOW pH** **FOAM CLEANSER/PROTECTANT**

Step two in the Wave Shield process. Wave Shine cleans, conditions, and protects.

### **FORMULA 703** **WAVE SEAL FOAM PROTECTANT**

Step three in the Wave Shield process. Wave Seal foam protectant contains surface reactive silicones which bond to vehicle surface for outstanding shine and protection. Fortified with siliconized carnauba. 

### **FORMULA 704** **HOT CARNAUBA SHINE** **WAVE SHIELD**

A high foaming polish ideal for all foaming wax arches. Upon application, the specially formulated reactive silicones and carnauba bond together on the vehicles surface, providing a high shine protective barrier on paint, chrome and trim. Formula 704 offers a perfect opportunity to upsell your top package. It will produce a cleaner, drier and shinier vehicle. Ultimately leaving the vehicle with a hand polished effect that customers can see and feel. Available in pink, blue or yellow. 


Conveyors / Automatics




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## WHEEL & TIRE CLEANERS



### **FORMULA 561** **EXCEL ALL WHEEL AND TIRE CLEANER**

Formula 561 is a heavy duty non- acid wheel and tire cleaner for use through regular and foaming CTA's. Environmentally friendly and safe to use on all wheel types, including, chrome, aluminum and magnesium. Cleans and brightens whitewalls, instantly removes brake dust and heavy soils without scrubbing. Simply spray on and rinse off. Contains no Hydrofluoric acid or petroleum distillates. 

### **FORMULA 560** **NON-ACID WHEEL & TIRE CLEANER CONCENTRATE**

Superb for safely cleaning all types of wheels (including chrome, aluminum, and magnesium), and whitewall tires. Removes brake dust instantly and makes whitewalls white again. 

### **FORMULA 560 GREEN** **WTC GREEN NON-ACID WHEEL & TIRE CLEANER**

Safely cleans all types of wheels (including chrome, aluminum, and magnesium) and whitewall tires. Removes brake dust instantly and makes whitewalls white again. Bright green foam.  

## TIRE DRESSING

### **GUARDIAN ULTRA SHINE**

High solids, water-based, silicone tire dressing which produces a great looking, high gloss shine that dries quickly to eliminate sling. The thick rich formula leaves a lasting, professional shine that customers will love!

### **WC THICK TIRE DRESSING**

Water-based silicone tire dressing designed for use in online tire shine applicators. This thick non-slinging formula provides a long lasting, high gloss shine that leaves tires with a professionally detailed appearance.

### **SUPER SHINE TIRE DRESSING**

Premium high-gloss tire dressing producing incredible high-gloss finish on tires and trim with little to no sling. Can be used for hand application or in online tire shine applicators.

### **NEW! WC SILICONE-FREE TIRE SHINE**

A cost-effective alternative to traditional silicone-based tire dressings. The thick non-slinging water-based formula provides a lasting professional shine. Designed for use in online tire applications.

### **DOUBLE SHINE TIRE DRESSING**

Double Shine is a super high solids, high gloss water based silicone dressing designed for online tire shine applicators. The thick water-based dressing bonds to tires creating an excellent non-sling, high gloss, long lasting shine. Coats in one application, and leaves the tires with a professionally, detailed appearance. VOC Compliant

### **MEGA SHINE TIRE DRESSING**

A super high solids solvent based silicone tire dressing that leaves a superior, longer lasting higher gloss shine, designed for online tire shine applicators. Contains up to three times the total solids found in most dressings. One application provides a fast drying durable high gloss shine with excellent anti-sling properties.




**Proven,  
Powerful and  
Cost-Effective  
Solutions**

 Green Line Solutions  Reclaim Compatible



## Bug Removers

### BUG Z

Liquid bug remover concentrate. Safe for use on all vehicle surfaces. 

## Auto Fragrances

### BLUE SENSE®

Wild Cherry, Strawberry, Piña Colada, French Vanilla, New Car, Midnight Ice. Custom formulated, water-based scents leave vehicle interiors with a fresh, clean, pleasant fragrance.

## Bay Scents

### BAY SCENTS

Warsaw Chemical's specially formulated Bay Scents are water dilutable fragrances that can be used in combination with other products or misted directly into the wash. Offered in the following fragrances – Orange, Wintergreen, Black Cherry, Green Apple, and Lemon.

## Carpet & Upholstery Shampoo

### CARPET & UPHOLSTERY SHAMPOO

Ready to use. Designed for coin-operated carpet shampooers. Available in summer and winter formulas.

### 32 TO 1


Super concentrated. Perfect for all washable fabrics. Compatible with all leading carpet shampooers. Cost effective.

### SPOT REMOVER

Ready to use. Available in summer and winter formulas.

## Rust Inhibitor

### FORMULA 517 UNDERBODY RUST INHIBITOR

Super concentrated liquid rust and corrosion preventative. Apply during or after the underbody flush. Leaves an invisible protective coating. 

## Aluminum Brighteners & Wall Cleaner

### WHITE SHARK BAY & WALL CLEANER

**The safer way to clean!** White Shark is a concentrated, non-acid cleaner formulated to tackle the toughest soils in the car wash bay, on walls, equipment and floors. A much safer alternative to other cleaners which contain acids, solvents or other hazardous chemicals.

### ALUMINATE BRIGHTENER & KEMLITE WALL CLEANER

Easily removes heavy soils from car wash kemlite and block walls. Contains hydrofluoric acid. Protective clothing is required when using this product.

## Laundry Detergents

### NU BLU

High-powered laundry detergent powder with grease releasing formula. Effective on tough, greasy industrial and institutional stains. Controlled suds for easy rinsing. Contains optical brighteners.

### BLU SKY

Liquid towel detergent. A totally new concept in laundering. This powerful formulation provides excellent cleaning power with its unique combination of surfactants and water soluble solvent.



# GUARDIAN

## CERAMIC COATING

Powered by the latest advances in ceramic technology, Guardian Ceramic Coating provides the ultimate total surface protection. This revolutionary new formula delivers a noticeably brighter vehicle, which is softer and smoother to the touch.

- Creates a hydrophobic layer, delivering an invisible, durable coating with superior water repellency, preventing moisture from building up.
- Seals microscopic pores to protect the vehicle surface from harsh elements, blocking ultraviolet rays and protecting the paint from oxidation.
- Delivers a lasting weather shield, formulated to protect and keep your vehicle safe from sun, rain, bird droppings, salt, and dirt.
- Provides a long-lasting shine and continuous protection.
- Excellent water break, making the beads roll off the vehicle surface rapidly.
- Fresh citrus scent.

A truly unique combination of bonding and leveling agents that optimize the interaction between the ceramic, cationic silicone polymers and carnauba creating an unbeatable total surface protectant.











# Micro Drum® Hyper-Concentrates


The answer to your freight, handling, inventory, and warehousing problems. A mere 5 gallons of Micro Drum® Concentrate makes a whopping 30 gallons of cleaning concentrate.

## CLEAR COAT PROTECTANTS


### FORMULA 530R BLUE CLEAR COAT PROTECTANT

This deep blue, blueberry scented clear coat protectant is the ultimate in customer appeal. Provides a visible high gloss appearance.  

### FORMULA 530VK VANILLA KOTE CLEAR COAT PROTECTANT

One of our best! Provides visual and aromatic appeal with its fresh waxy vanilla scent, crème base and protective sheen. Same as our Formula 538 Vanilla Kote. 


### FORMULA 530CCP CLEAR COAT PROTECTANT

A revolutionary new protectant designed to maintain and preserve clear coat surfaces as well as all modern finishes. For use in all types of washes. Formula 530CCP is the same fine protectant as our Formula 527 Clear Coat Protectant. 

### FORMULA 530LW LEMON SPRAY & SHINE

Lemon scented spray sealant. Formulated with silicones for outstanding shine and protection. Same as our Formula 503 Lemon Spray & Shine.

### FORMULA 530SW CLEAR COAT SEALANT

Cherry scented premium clear coat spray sealant. Provides long-lasting wash resistant protection. Enhances vehicle finishes. 



 Green Line Solutions  Reclaim Compatible



## FOAM BRUSH DETERGENTS

### **FORMULA 530R** **PINK-CHERRY SCENT; BLUE-BLUEBERRY SCENT;** **OR YELLOW-BANANA SCENT FOAM BRUSH**

Scented liquid foam brush shampoos. Three attractive colors for customer appeal.

### **FORMULA 530FB** **FOAM BRUSH SHAMPOO**

Luxurious, cherry scented, pink foamy shampoo. Provides mountains of foam allowing foam brush to safely glide over vehicle finish. Same as our Formula 519 Cherry Foam Brush Shampoo.

## HIGH PRESSURE DETERGENTS

### **FORMULA 530R** **PINK HIGH PRESSURE DETERGENT**

High sudsing, alkaline liquid detergent that produces blankets of customer appealing pink suds along with a great black cherry scent. 🌿

### **FORMULA 530AHP** **HIGH PRESSURE DETERGENT**

A unique, high sudsing alkaline liquid detergent. Same as our popular Formula 531. 🌿

### **FORMULA 530CP** **CITRUS PLUS**

Multi-use natural citrus base detergent concentrate. Designed for both friction and frictionless car washing. Same as our Formula 524 Citrus Plus. 🌿

## PRE-SOAKS

### **FORMULA 530R** **PURPLE LIQUID PRE-SOAK**

Pleasing purple color with a refreshing root beer scent. Contains a booster for added cleaning power.

### **FORMULA 530PB** **LIQUID PRE-SOAK**

A most effective liquid pre-soak. Contains a booster for added cleaning power. Pleasantly scented. Designed for low pressure application in self-service and automatic car washes. Same as our Formula 514 Liquid Presoak with Booster.

## FOAM POLISH

### **FORMULA 530TCF** **TRI-COLOR® FOAM POLISH**

A unique pH balanced foam conditioner designed for use in all triple color foam systems. Available in pink, blue, and yellow with a black cherry scent. Packaged in a near waterless hyper concentrate. A mere 5 gallons yields a whopping 30 gallons of concentrated solution.



🌿 Green Line Solutions 🌿 R Reclaim Compatible

# Micro Pak® System

Micro Pak features a line of hyper-concentrated products packaged in an easy-to-use 2.5 gallon container.

- FASTER:** • Specifically designed for easy maintenance and convenient handling
- SAFER:** • No handling of heavy drums  
• 2.5 gallon containers are induction sealed for operator safety  
• Low exposure to product
- EASIER:** • Lower freight, handling, and storage cost  
• Saves space in equipment room



## The *ECONOMICAL, ECOLOGICAL, ERGONOMIC* alternative

### MICRO-PAK POLISHES

#### FORMULA 657 X2

##### TWO TIMES NORMAL CONCENTRATION JAZZ FOAM POLISH

The most electrifying triple foam polish on the market today. This concentrated, multi-colored polish is available in Sizzling Pink, Brilliant Blue, and Velocity Yellow and all three contain an invigorating Tropical Scent. Silicone fortified to impart shine and protection while providing enhanced water beading. pH balanced for fast, easy rinsing.

#### FORMULA 667 X2

##### TWO TIMES NORMAL CONCENTRATION WEATHER SHIELD® FOAM POLISH

The most electrifying triple foam polish on the market today. This concentrated, multi-colored polish is available in Sizzling Pink, Brilliant Blue, Velocity Yellow, Arctic White and all contain an invigorating Green Apple scent. This revolutionary new formula combines the sheen produced by the very latest advances in polymer technology along with the durability of carnauba for outstanding shine, protection, and water break. Repels water from glass, chrome, paint. Reclaim compatible. 🌱 R

### MICRO-PAK CLEAR COAT PROTECTANT

#### FORMULA 673 X2

##### TWO TIMES NORMAL CONCENTRATION WEATHER SHIELD® ALL SEASON TOTAL SURFACE PROTECTANT

A total vehicle surface protectant that repels water and produces a high gloss shine and protection to paint, glass, and chrome. This revolutionary new formula of surface reactive silicones and fluoro polymers bond to vehicle surface for outstanding shine and protection. Repels water from glass, chrome, paint. Enhances visibility for safer driving! Shines, protects, repels. Scented with a fresh berry fragrance. 🌱 R

### MICRO-PAK CLEAR COAT DRYING AGENT

#### FORMULA 680 X4

##### FOUR TIMES NORMAL CONCENTRATION DRYING AGENT – VANILLA SCENT

Incorporates the very latest advances in polymer chemistry technology. Formulated with a unique polymer, DRYING AGENT creates a fast water break that boosts drying efficiency and, as an added plus, also provides a durable protection and shine. 🌱 R

🌱 Green Line Solutions

R Reclaim Compatible



## MICRO-PAK PREMIUM PROTECTION



### FORMULA 601 X2 TWO TIMES NORMAL CONCENTRATION WAVE CURTAIN FOAM BATH

A unique high foaming, low pH, liquid detergent concentrate. A special blend of optical brighteners and surfactants deliver a high visual appeal along with excellent lubricity and cleaning. WAVE CURTAIN removes excess alkalinity and dehydrates water allowing vehicle surfaces to dry faster. Available in Sizzling Pink, Velocity Yellow, and Arctic White. All contain an invigorating citrus scent.



### FORMULA 602 X2 TWO TIMES NORMAL CONCENTRATION WAVE SHINE pH BALANCED FOAM CLEANSER / PROTECTANT

This pH balanced high foaming solution contains a unique blend of surfactants and hydrophilic silicone copolymers which help to provide a high luster shine and protective coating. WAVE SHINE contains Brilliant Blue foam and a fresh citrus scent.

### FORMULA 603 X2 TWO TIMES NORMAL CONCENTRATION WAVE SEAL FOAM PROTECTANT



This revolutionary new formula incorporates the very latest advances in polymer chemistry technology. WAVE SEAL Foam Protectant contains surface reactive silicones which bond to vehicle surface for outstanding SHINE & PROTECTION. Bright purple foam and citrus scent.  

### FORMULA 604 X2 TWO TIMES NORMAL CONCENTRATION CARNAUBA SHINE HIGH FOAMING POLISH WITH CARNAUBA



A unique formulation combines the shine produced by the very latest advances in polymer technology along with the durability of carnauba. CARnauba SHINE is a high foaming polish infused with carnauba to give your customers that hand polished look and feel. Produces a cleaner, dryer, shinier vehicle while providing maximum protection from the elements. Bright yellow foam with a citrus scent.  

## MICRO-PAK PRESOAKS

### FORMULA 600 MICRO PAK AP - HYPER CONCENTRATED LIQUID ALKALINE PRE-SOAK PART A/PART B

A premium Hyper-Concentrated, Liquid Pre-Soak designed for frictionless and reduced friction cleaning. The Economical, Ecological, Ergonomic Alternative. Can be used in the two-step, low pH/high pH system or as a single stage pre-soak. One Micro Pak kit makes 15 gallons of concentrated pre-soak. 100% liquid kit. No messy powders, no bulky drums. A real tough duty pre-soak. Refreshing citrus scent. Lower freight, handling, and storage cost.  

### FORMULA 640 X3 THREE TIMES NORMAL CONCENTRATION ALKALINE PRE-SOAK PART A/PART B

Single stage liquid alkaline pre-soak. Effectively cuts through tough road film and oils. Designed for use in frictionless carwash systems. Effective in all temperatures. Excellent for use in reclaim systems. Contains a unique cationic surfactant for better cleaning.  



## MICRO-PAK DETERGENT

### FORMULA 682 X2 TWO TIMES NORMAL CONCENTRATION ULTRA CLOTH LOW pH FRICTION SHAMPOO


Exceptional, high foaming, low pH shampoo without the dangerous ingredients found in most low pH products. Designed for friction tunnels and in-bay automatics. Superior removal of road film. Removes excess alkalinity and dehydrates water allowing vehicle surface to dry faster. Helps brighten glass, chrome and vehicle surface. Produces a thick, richer lather for added lubricity.

## MICRO-PAK WHEEL & TIRE CLEANER



### FORMULA 660 X3 THREE TIMES NORMAL CONCENTRATION NON-ACID WHEEL CLEANER PART A/PART B

Environmentally friendly. Non-acid concentrate - contains no harsh acids or petroleum distillates. Safely cleans all wheels. Removes brake dust instantly.  



### FORMULA 690 X2 TWO TIMES NORMAL CONCENTRATION LOW pH WHEEL CLEANER

Low pH wheel and tire cleaner replaces harsh JF and ABF wheel cleaning products. Effective on wet or dry wheels. Removes brake dust instantly. 



**PRE-SOAKS (LIQUID)****FORMULA 554**  
**RADIANCE® LIQUID PRE-SOAK**

This liquid pre-soak concentrate—colored purple with a refreshing safrole scent—quickly cuts through road soils, oils, grime and bugs.  

**FORMULA 514**  
**LIQUID PRE-SOAK WITH BOOSTER**

A most effective liquid pre-soak concentrate. Contains a booster for added cleaning power. Breaks bond between soils and the vehicle finish for easy cleaning. Pleasantly scented for customer appeal.  

**FORMULA 540**  
**IMPROVE FRICTIONLESS PRE-SOAK**

Single stage liquid alkaline pre-soak. Effectively cuts through tough road film and oils. Designed for use in frictionless car wash systems. Effective in all temperatures. Contains a unique cationic surfactant for better cleaning. Excellent for use in reclaim systems.  

**PRE-SOAKS (POWDER)****FORMULA 588**  
**HEAVY DUTY PRE-SOAK POWDER**

Non-Phosphate version of Formula 508. Use with soft water only. 

**FORMULA 588 PLUS**  
**HEAVY DUTY PRE-SOAK DETERGENT**

Non-Phosphate version of Formula 508 Plus. Use with soft water only. 



**FORMULA 508**  
**HEAVY DUTY POWDER PRE-SOAK**

Highly concentrated powder pre-soak formulated especially for frictionless car washing. Cost effective.

**FORMULA 508 PLUS**  
**HEAVY DUTY PRE-SOAK DETERGENT**

Premium alkaline high sudsing powder detergent, formulated especially for frictionless washing. The extreme versatility of this powder allows it to be used in both touch free automatics and self-service car washes.



 Green Line Solutions  Reclaim Compatible



## FOAM BRUSH DETERGENTS

### FORMULA 559

#### RADIANCE® FOAM BRUSH SHAMPOO

Ultra-concentrated, bubblegum scented, pleasing pink, blue and yellow liquid foam brush shampoo.

### FORMULA 519

#### CHERRY FOAM BRUSH SHAMPOO

Concentrated, cherry scented, pink liquid foam brush shampoo. The eye-catching thick, rich, bright pink foam and refreshing cherry scent are a must for customer appeal.

### FORMULA 513



#### WINTER BLEND

Liquid detergent concentrate for use in foaming brush systems during cold weather. Prevents winter time freeze up. Protects to 22° below freezing. Available in pink foam with a cherry scent, yellow foam with a banana scent, blue foam with a blueberry scent, or unscented.

## WHITEWALL TIRE CLEANERS



### FORMULA 555

#### RADIANCE® LIQUID FOAMING TIRE CLEANER

Liquid foaming whitewall tire cleaner concentrate designed for air injected foaming whitewall systems. Produces a rich green foam. Fresh pine scent.  



### FORMULA 560 GREEN

#### WTC GREEN NON-ACID WHEEL & TIRE CLEANER

Safely cleans all types of wheels (including chrome, aluminum, and magnesium) and whitewall tires. Removes brake dust instantly and makes whitewalls white again. Bright Green Foam.  

### FORMULA 511

#### FOAMING WHITEWALL CLEANER

Concentrated, fast-acting, high foaming tire and wheel cleaner. Produces a thick, rich, green foam for customer appeal. Clings to tire for longer dwell time, will not run off without cleaning.  

## HIGH PRESSURE DETERGENTS

(LIQUID)

### FORMULA 551

#### RADIANCE® LIQUID HIGH PRESSURE DETERGENT

A unique high-sudsing, high-alkaline liquid detergent that produces blankets of customer-appealing pink suds along with a great black cherry scent.

### FORMULA 531

#### ACHIEVE PREMIUM HIGH PRESSURE CONCENTRATE

Our premium high pressure detergent concentrate combines high suds, alkalinity and visual appeal for superior cleaning.

### FORMULA 526

#### POWER FOAM

Super concentrated, high foaming alkaline detergent fortified with cleaning power not normally found in a high foaming liquid. Thick, rich foam with excellent foam stability.

### FORMULA 524

#### CITRUS PLUS

Natural citrus base liquid detergent concentrate. This unique concentrate provides high speed deep cleaning under the most difficult soil conditions. Pleasantly scented.


### FORMULA 532

#### OPTA KLEAN III

A unique low-pH high foaming liquid concentrate. Non-corrosive. Designed for use in all cloth and brush washes, and as the first step in the two-step low pH/high pH wash process.


### FORMULA 63-79-3

#### RECLAIM HIGH PRESSURE DETERGENT


A unique high alkaline, high sudsing liquid detergent concentrate. Produces an orange foam and scent when applied to vehicle. 

## CLEAR COAT PROTECTANTS


### **FORMULA 547** **RADIANCE® CLEAR COAT PROTECTANT**

This deep blue, blueberry scented, sudsing liquid clear coat protectant is the ultimate in customer appeal. Formulated with amino functional silicones which provide a visible, long-lasting, wash-resistant high-gloss appearance and protective coating. 


### **FORMULA 573** **WEATHER SHIELD ALL SEASON PROTECTANT\***

A total vehicle surface protectant designed to repel water and deliver a high-gloss shine and protection to vehicle surfaces, including paint, glass, and chrome. Fresh Blueberry Scent. 

### **FORMULA 538** **VANILLA KOTE CLEAR COAT PROTECTANT**

One of our best! Provides excellent visual and aromatic appeal with its fresh waxy vanilla scent, crème base, protective sheen, and exceptional water beading capabilities. 

### **FORMULA 579** **NEW! GUARDIAN CERAMIC COATING**

The ultimate total surface protection, powered by ceramic technology. This revolutionary new formula delivers a noticeably brighter vehicle, that is softer and smoother to the touch. 

### **FORMULA 580** **WEATHER SHIELD DRYING AGENT**

Formula 580 Weather Shield is a long lasting drying agent formulated with the latest advances in polymer technologies. It begins by creating a fast water break that accelerates the drying process, and then converts to a durable long lasting polish, greatly reducing the adhesion of dust and bugs to the vehicles surface. Provides UV protection to the surface reducing damage caused by acid rain and oxidation. Product will not smear on glass or paint.

\* See page 4 for WeatherShield Performance Package

## CONDITIONERS/POLISH

### **FORMULA 557** **RADIANCE® TRI-COLOR JAZZ FOAM POLISH**



The most electrifying triple foam polish on the market today. This concentrated, multi-colored polish is available in Sizzling Pink, Brilliant Blue, Velocity Yellow, and Arctic White. All contain an invigorating Tropical Scent. pH balanced for easy rinsing. Silicone fortified to impart shine and protection while providing enhanced water beading.

### **FORMULA 567** **WEATHER SHIELD FOAM POLISH**

WeatherShield Foam Polish provides customers with an electrifying colored foam polish containing surface reactive silicones, fluoro polymers and carnauba which bond to vehicles surfaces delivering enhanced protection and shine. Provides fast easy rinsing and excellent water breaking capabilities. Formula 567 is a Green Line Solutions product, Environmentally friendly, and meets or exceeds all current GREEN standards. Further it is Reclaim Compatible and available in three incredible colors Sizzling Pink, Brilliant Blue, and Velocity Yellow.

### **FORMULA 537 TRI-COLOR** **FOAMING CLEAR COAT POLISH**

Cleans, conditions, and protects. Unique pH-balanced high foaming clear coat conditioner. Contains surface reactive polymeric silicones which help provide a lasting gloss appearance and protective coating. Available in bright pink, blue, and yellow colored foam with fresh black cherry scent. For use in customer pleasing triple foam arches.

 Green Line Solutions  Reclaim Compatible



## AUTO DETAIL PRODUCTS

### CARPET SHAMPOO

Safely cleans carpet, fabric and upholstery. Leaves no soapy residue. Use in carpet shampoos.

### PFD CHECKERED FLAG

Spray-on tire shine and protectant. Leaves a wet, long-lasting, glossy appearance on tires.

### PFD FAME

Finishing spray wax and gloss re-newer. Removes smudges and oils for a great showroom shine.

### PFD FINISH LINE

A blend of Carnauba wax and silicone that leaves a beautiful, long-lasting shine. Easy to apply.

### PFD FREEWHEEL

Concentrated, non-acid wheel and tire cleaner. Safe to use and environmentally friendly.

### GUARDIAN CERAMIC SPRAY-ON

Spray on ceramic finish. Leaves an excellent showroom shine with long-lasting protection.

### PFD HORSEPOWER

Aluminum and stainless steel cleaner. Safely restores luster and shine. Non-corrosive.

### PFD HYDRO-SCENT

Concentrated odor eliminator. Destroys odors and leaves a fresh lemon scent.

### PFD LAP LEADER (RED) / WASH WAX (YELLOW)

One-step hand wash and wax. Safely cleans, shines and protects. Produces a thick, rich foam.

### ORANGE 90

Citrus solvent, removes very hard to clean adhesives, tar, bugs, carbon, asphalt, ink and gum

### SEE

Concentrated windshield washer solvent with anti-freeze. Non-ammoniated.

### SEE-THRU

Safely cleans glass, plastic, plexiglass, CRT screens, vinyl and hard surfaces. Non-ammoniated.

### PFD SPEEDWAY

Interior cleaner and degreaser. Works great on plastic, rubber, vinyl, upholstery and carpet.

### PFD SUPER REV

Concentrated engine and parts degreaser. Quickly removes heavy grease, grime and oil deposits.

### PFD TROPHY

Cleans, restores and protects vinyl, leather, rubber, plastic, fiberglass, acrylic and wood.

### BLUE SENSE FRAGRANCES

Premium spray-on fragrances. Includes cherry, cinnamon, pina colada, vanilla and new car.



Green Line Solutions R Reclaim Compatible



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