# CLEAN BETTER.

Changing the way things have always been done. Not only from the way we interact with the customer, but how our chemicals are made.





Ver-tech vehicle wash products are manufactured in Rockford, Minnesota and shipped throughout North America. Our product line covers all types of applications found in the professional vehicle wash. We manufacture a variety of presoaks for all friction and touchless washes, specialized detergents, drying agents and a wide range of extra service products that will give you a competitive advantage in the market. We strive to recommend an optimal combination of products, individualized for your wash needs.

When you choose Ver-tech products, you are choosing to CLEAN BETTER. Our environmentally friendly, reclaim compatible chemicals allow you to wash greener with exceptional cleaning performance.

Ver-tech is a family owned and operated business since 1981. We treat you like family, not "just another account". Our chemical sales representatives are accessible to help problem solve issues and are supported by a technical chemistry team. In addition to ensuring product quality, our chemists work closely with the field to continually develop innovative ways to clean. The Ver-tech team is committed to helping you wash cars to your high standards and to help your business grow. Partner with us and Clean Better.



**Tony Vertin** CEO, Ver-tech Labs



## Tru Pearl<sup>®</sup> Premium Protection System

The Tru Pearl<sup>®</sup> premium cleaning and protection system is a new way to clean and protect cars from Ver-tech Labs.

Vehicles washed with the Tru Pearl protection system are shinier with a brilliant mirror-like reflection due to the smoothness of the surface. Similar to the way a pearl grows in an oyster, the Tru Pearl system adds microscopic layers of protection every time you wash your car.

Tru Pearl products will give car wash owners and operators a competitive edge in the market. Like virtually all Ver-tech Labs products, Tru Pearl products are reclaim compatible. Try something that's truly different – ask for the Tru Pearl® Protection System.



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Product	Sizes (Gallons)	Reclaim Compatible
TRU100 Tru Pearl® Clean	5 / 15 / 30 / 55	R
TRU300 Tru Pearl® Shield	5 / 15 / 30	R
TRU200 Tru Pearl® Dry	5 / 15 / 30	RC

#### THE TRU PEARL PRODUCTS HAVE BEEN FORMULATED TO WORK TOGETHER FOR OPTIMUM RESULTS



#### TRU PEARL CLEAN (TRU100)

Tru Pearl Clean is an advanced cleaner that penetrates surface pores and imperfections to remove deep seated road grime, dirt and soils. Tru Pearl Clean leaves a pristine surface that will optimize the performance of Tru Pearl Shield and Tru Pearl Dry.



TRU PEARL SHIELD (TRU300)

Tru Pearl Shield is an all-surface protectant that will protect your vehicle from the elements and leave the car with a showroom shine. Tru Pearl Shield gives your car surface a smooth, new car feel.



TRU PEARL DRY (TRU200)

Tru Pearl Dry enhances drying and creates an extremely water repellent layer. This layer makes it more difficult for post wash road grime and dirt to penetrate the surface.

## Safe Simple Concentrates

#### SAFE

- No more moving heavy drums
- Convenient "No Touch Cap" switchover prevents chemical contac
- Color coordinated system easily identifies where product is used

#### SIMPLE

- No "special" storage tanks or complicated installation
- No monthly contracts
- Demonstrated results supported by a proven company

#### **CONCENTRATES**

- 2X more concentrated than competitors traditional products
- 15 gal = 30 gal
- SSC program is 100% reclaim compatible

Product	Available Sizes	Reclaim Compatible	No Contact Cap Color	Additional Information
SSC100 SSC LOW pH	4x1 gal box, 5 gal tighthead, 15 gal	Ro	Blue	no color, no scent
SSC150 SSC LOW pH	4x1 gal box, 5 gal tighthead, 15 gal	RC	Blue	no color, fresh scent
SSC200 SSC HIGH pH	4x1 gal box, 5 gal tighthead, 15 gal	Rc	Red	amber color, fresh scent
SSC300 SSC ALKALINE BOOSTER	5 gal tighthead, 15 gal	RC	Yellow	no color, no scent
SSC400 SSC WHEEL CLEANER	4x1 gal box, 5 gal tighthead, 15 gal	Ro	Green	no color, no scent
SSC500 SSC FOAM DETERGENT	4x1 gal box, 5 gal tighthead, 15 gal	RC	Pink	no color, no scent
SSC510 SSC TRU PEARL® CLEAN 2X	4x1 gal box, 5 gal tighthead, 15 gal	RC	Purple	no color, no scent
SSC600 SSC TRIPLE FOAM POLISH	4x1 gal box, 5 gal tighthead, 15 gal	RC	Gray	available in red, blue, green; cherry scent
SSC700 SSC TRU PEARL® SHIELD 2X	4x1 gal box, 5 gal tighthead, 15 gal	Ro	Orange	amber color, creamsicle scent
SSC800 SSC TRU PEARL® DRY 2X	4x1 gal box, 5 gal tighthead, 15 gal	RC	Navy	no color, no scent





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## **Reclaim Compatibility**

Dirty cars and noxious odors could be indicators that your carwash chemicals (soaps, waxes, and extra service specialty products) are out of balance or the wrong choices altogether for your reclaim system.

When non-reclaim compatible detergents mix with the wax products in the reclaim system they react together forming insoluble residues.

The growing insoluble residues make it difficult for the good bacteria in your system to work. The most noticeable result is a noxious "rotten egg" odor.

Ver-tech Labs reclaim compatible products will prevent the problems noted above from occurring in your car wash. Even if the car wash has been using non-reclaim products, simply switching over your car wash product line to Ver-tech Labs chemicals will correct the problems and eliminate the odors within days.



Look for this symbol for **RECLAIM COMPATIBLE** Products

> Reclaim water using **VTL reclaim compatible** products.



Reclaim system water using chemical products that are not reclaim compatible.



## High pH Presoaks

High pH (alkaline) presoaks can be used in other applications such as prep gun, wheel cleaning and degreasing. High pH products target petroleum and organic soils. These products are effective in all types of carwashes as one-step touchless cleaning or step 2 in a two-step touchless cleaning process.

Product	Sizes (Gallons)	Reclaim Compatible	Relative Strength to Other High pH Products
EXT460 GOLDEN KNIGHT	5 / 15 / 30 / 55	RC	3Х
EXT432 BLACK KNIGHT	5 / 15 / 30 / 55	Rc	2X
HEL100 HELLCAT	5 / 30 / 55	Rc	2X
EXT126 DOUBLE BARREL	5 / 15 / 30 / 55	Rc	2X
THU100 THUNDERBOLT	5 / 15 / 30 / 55	Rc	1X
EXT216 HIGHLINE	5 / 30 / 55	Rc	1X
	1	1	1

EXT800 KICK-IT 5 / 15 / 55 C Alkaline Booster



High pH (alkaline) prep gun soaps and debuggers target petroleum, organic soils and insect residue. Many of these products can be used in multiple applications.

Product				
EXT126 DOUBLE BARREL	5 / 15 / 30 / 55	<b>P</b>	2X	
HEL100 HELLCAT	5 / 30 / 55	<b>S</b>	2X	
EXT372 BUG-BE-GONE	5 / 15 / 30 / 55	Ro	1X	requires dwell time, safe on hot surfaces
THU100 THUNDERBOLT	5 / 15 / 30 / 55	<b>R</b>	1X	



#### Tire and Wheel Cleaner

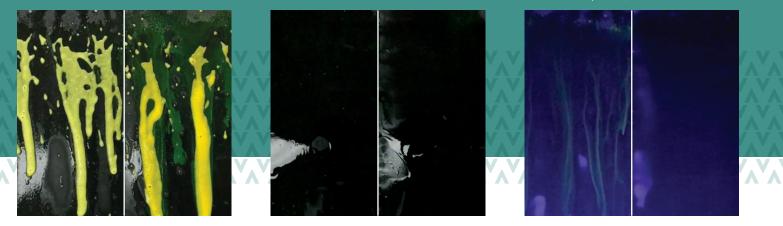
Product	Sizes (Gallons)	Reclaim Compatible	Contains Hydrofluoric or Sulfuric Acid	Comments
EXT138 WHEEL BLASTER	5 / 15 / 30 / 55	R	No	alkaline product
EXT470 LIGHTNING	5 / 30 / 55	RC	No	acid product
EXT137 MAGNUM WHEEL CLEANER	30 / 55		Yes	acid product

#### **Rinse Better**

At Ver-tech Labs, we formulate our products to use less water to rinse completely from the vehicle surface. When unrinsed product remains on the car's surface, it can react with waxes and drying agents, resulting in wet cars and a slight haze.

Competitor product (L) and Ver-tech Labs product (R) are applied to a vertical surface and rinsed. Both products appear to be rinsed off the surface.

After rinsing, a black light on the surface shows that the competitor's product remains on the surface while the Ver-tech product has completely rinsed off.



#### Low pH Presoaks

Low pH (acid) presoaks target mineral based soils. Cleans and brightens metal and glass, effective against "eyebrows". Low pH products are generally step one in a two-step touchless cleaning process. Some low pH products can be used in wheel cleaning and equipment cleaning applications.

Product	Sizes (Gallons)	Reclaim Compatible	Contains Hydrofluoric Acid
EXT428 DOUBLE VISION	30 / 55	RC	No
EXT470 LIGHTNING	5 / 15 / 30 / 55	Rc	No
EXT427 SAPPER	5/30	Rc	No
EXT430 VISION	5 / 15 / 30 / 55	Rc	No
EXT117 ROYAL PRESOAK	5/30		No
EXT115 PRO II	30 / 55		Yes
EXT111 PRO III	55		Yes

#### Foam Detergents

Foam detergents are used primarily for friction cleaning applications. All listed products rinse easily and provide superior lubricity. Foam detergents can be used in wraps, curtains and provide a great show for initial arches in tunnel carwashes.

Product	Sizes (Gallons)	Reclaim Fragrance Compatible		Comments
EXT293 BERRY BURST	5 / 15 / 30	Rc	grape	neutral pH
EXT184 TROPICAL BURST	5 / 15	Rc	tropical	neutral pH
EXT189 DREAM BURST	5 / 15	Rc	dreamsicle	neutral pH
EXT183 CITRUS BURST	5 / 15	Rc	citrus	neutral pH
EXT182 CHERRY BURST	5 / 15	Rc	cherry	neutral pH
EXT428 DOUBLE VISION	30 / 55	Rc	fresh	low pH
EXT291 JOLT	5 / 15 / 30 / 55	Rc	no	neutral pH
EXT740 MAGMA CLEAN	15 / 30	RC	creamsicle	high pH; white, blue, green red options
EXT285 DREAMSICLE	30		creamsicle	high pH, gold and orange options
EXT429 FOAMY VISION	5 / 30 / 55	Rc	fresh	low pH
EXT161 BRILLIANT	5 / 30 / 55		no	low pH
EXT350 SUPER FOAM	5 / 30 / 55		no	neutral pH

## Triple Foams

High foam for dramatic show and enhances the cleaning process. Surfactants extend cleaning time and conditions the surface.

Product	Sizes (Gallons)	Reclaim Compatible	Concentrate Level	Colors
EXT165 LUXE POLISH	15	Ro	2X	
EXT280 FOAM AROMA	5 / 15		2X	
EXT143 REPEL TRIPLE FOAM	5 / 30	Ro	2X	
EXT167 SNAP COAT	5 / 15 / 30	Ro	1X	
EXT264 LOW pH CONDITIONER	5 / 15 / 30		1X	

#### Protectants

All surface protectants and clear coat protectants create a durable shine on the car surface.

Product	Sizes (Gallons)	Fragrance	All Surface or Clear Coat	Comments
EXT504 MAGMA SHINE	5 / 15 / 30 / 55	piña colada	all surface	high foam, contains carnauba wax
EXT600 MAGMA SHINE PLUS	5 / 30	piña colada	all surface	high foam, contains carnauba wax; formulated for IBAs
EXT425 SNAP SHIELD	5 / 15 / 30 / 55	bubble gum	all surface	low foam, contains carnauba wax
EXT508 SNAP SHINE	5 / 15 / 30 / 55	creamsicle	clear coat	low foam
EXT730 SHOWROOM SHINE	4x1 Gal / 6x1 QT / 5	none	all surface	fast wax, hand applied



## Drying Agents

Drying agents add hydrophobicity to the vehicle surface, maximizing the effectiveness of dryers.

Product	Sizes (Gallons)	Relative Strength	Water Action on Surface
EXT149 BREAK AWAY	5 / 15 / 30 / 55	3X	beading
EXT150 QUICK DRY	5 / 30 / 55	2X	beading
EXT147 BONE DRY	5 / 30 / 55	2X	sheeting
EXT155 EVOLUTION	5 / 15 / 30 / 55	1X	beading

### Self Serve Products

Product	Sizes (Gallons)	Application	Fragrance / Color	Comments
EXT505 BRITE AUTO CHERRY FOAM BRUSH	5 / 15 / 30	foam brush	cherry / no color	neutral pH
EXT500 BRITE AUTO CHERRY FOAM BRUSH PINK	5 / 15 / 30	foam brush	cherry / pink	neutral pH
EXT405 WINTER FOAM	30	winter foam brush	none / no color	seasonal product
EXT374 4-4-1	5 / 15 / 30	multi-functional detergent	cherry / maroon	high pH
EXT520 BRITE AUTO PRESOAK AND BUG REMOVER	5 / 15 / 30	debugger	berry / blue	high pH
EXT510 BRITE AUTO HIGH PRESSURE	5 / 15 / 30	high pressure detergent	pine / no color	high pH
EXT515 BRITE AUTO TIRE AND WHEEL CLEANER	5 / 15 / 30	tire and wheel cleaner	pine / green	high pH
EXT415 BRITE AUTO CHERRY SPRAY SHINE	5 / 30 / 55	clear coat and sealant wax	cherry / pink	low foam
EXT416 BRITE AUTO LEMON SPRAY SHINE	5 / 30 / 55	clear coat and sealant wax	lemon / yellow	low foam
EXT423 BRITE AUTO REPEL	5 / 15	protectant	bubblegum / maroon	

## Tire Dressings

Product	Sizes (Gallons)	Water or Solvent Base	Viscosity	Comments
EXT304 PANTHER SHINE	5 / 15 / 30 / 55	water	thin	non greasy finish
EXT298 BLACK RAIN	5 / 15 / 30	water	medium	easy to spread, hand applied
EXT300 BLUE ICE ONLINE	5 / 15 / 30 / 55	water	thick	for online applicators
EXT295 TIRE SHINE S	55	solvent	thin	for online applicators

#### Ver-Tints

Can be dual drawn to augment color in presoaks and waxes.

Product	Sizes (Gallons)
EXT711G PUTTING GREEN	2.5 / 15
EXT711P PLUM PURPLE	2.5
EXT711R ROSE RED	2.5 / 15
EXT711B ROYAL BLUE	2.5 / 15
EXT711Y SUNRISE YELLOW	2.5 / 15



Ver-tech Labs also manufactures chemicals for truck washing, fleet washing and industrial cleaning.

Find out more on our website **www.ver-techlabs.com** 

#### Other Car Wash Products

Product		
EXT709 KEY-20 WATER CONDITIONER	5 / 15	add to all alkaline products to boost hard water tolerance
EXT760 VERIKLEEN WALL CLEANER	5	extra strength
EXT430 VISION WALL CLEANER	4 x 1 Gal Box	safe, effective wall and equipment cleaner; recommended for Extrutech walls; eliminates odors and algae
EXT315 BLUE THUNDER	5 / 30	multi-purpose interior cleaner
EXT830 CARPET CLEANER	5 / 30	concentrated, carpet extractor detergent
ACE100 ACE 10 PLUS	5 / 55 / 12x1 Gal Box	degreaser; all purpose cleaner
EXT720 FORMULA 3 SATIN SHINE	15 / 55	interior dressing
EXT170 CONCENTRATED GLASS CLEANER	5	glass cleaner
EXT825 LAUNDRY DETERGENT - HOMESTYLE	5 / 15	concentrated, liquid laundry detergent
EXT820 OXYGEN DESTAINER	5	laundry oxygen destainer

#### Salt Shield®

EXT450 Sizes (Gallons): 5 / 15 / 30 / 55

RC

Salt Shield is not another underbody rust proofing compound of yesteryear. Salt Shield is formulated to provide two layers of protection.

First, Salt Shield is a detergent that will clean and neutralize road salts and deicers from the chassis and wiring on the underside of your vehicle. Salt Shield removes winter sodium, calcium, and magnesium chloride deicer salts, even when those salts are mixed with carriers like cheese brine and sugar beet juice.

Second, Salt Shield includes chemicals reactive on exposed iron and steel surfaces to provide a barrier film. This protective film prevents sodium, calcium, and magnesium chlorides from corroding iron and steel surfaces. Salt Shield's protective film grows every time you apply it.

#### Don't be fooled into thinking that you need Salt Shield only in the winter.

Did you know that the main ingredient in dust suppressants is CALCIUM CHLORIDE?? Dust suppressants are used around construction sites to keep the dust down – and in particular – highway construction sites for safety reasons. Dust suppressants are also sprayed on many rural roads to ensure that dust does not harm the crops.

There are any number of "me too" salt remover products on the market, but none like Salt Shield. Use Salt Shield all year long for 365 days of protection.



#### Notes

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## **5** FACTORS OF CLEANING

Force on the surface being cleaned.

Friction: Cloth, brushes, bristles

Touchless: Water pressure, water volume

Mechanical Action

#### Chemistry

The type of cleaning agent(s) and the concentration in which it is used. Chemical action is needed to: 1. Reduce static charge and release soils 2. Break down and emulsify soils 3. Remove and suspend soils

Measure through titration

A reduction in one factor will require an increase in another

#### Temperature

For every 50° F rise in temperature, the chemical activity doubles

#### Water Quality

Time

If left untreated, hard water may: 1. Decrease cleaning 2. Create deposits and build-up on surfaces including pipes, nozzles, etc.

General rule: for every 4 grains of hardness, you will need 5–10% more product to get the same degree of cleaning The time the chemical, temperature and/ or mechanical action is in contact with the surface being cleaned

In general, an increase in dwell time increases cleaning ability

There may be a point of diminishing return as soils can redeposit onto the surface











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