



CLEAN BETTER.



FLEET WASH
LARGE VEHICLE
EQUIPMENT
INDUSTRIAL

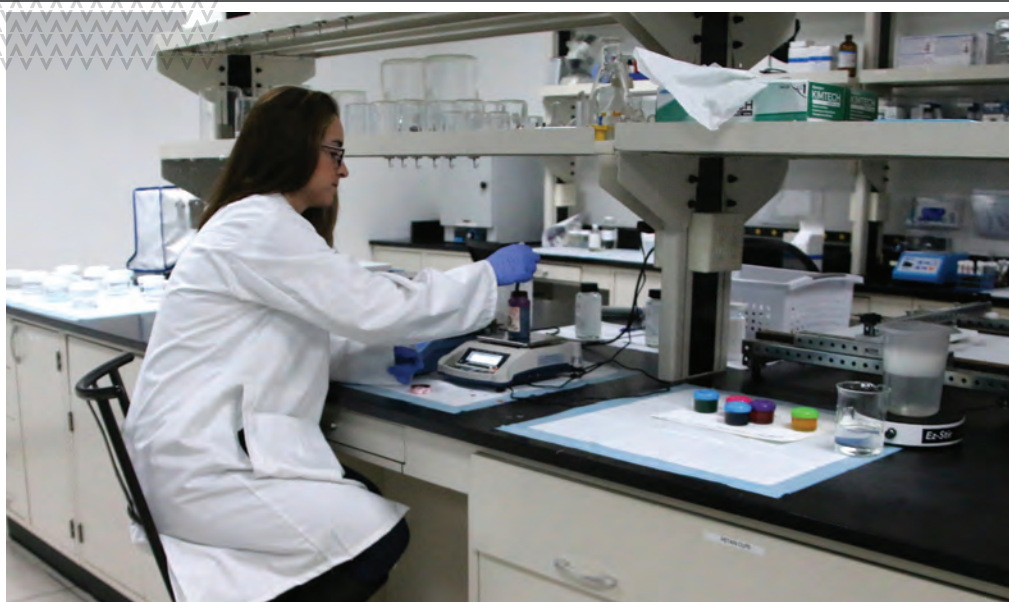


Our 72000 sq ft facility houses an on-site chemical laboratory, production area, inventory warehouse, shipping and receiving docks and office space.



We manufacture chemicals safely and consistently using raw materials from trusted suppliers.

In today's environment, running a fast and efficient vehicle wash program is becoming increasingly difficult. That's where we come in. *Ver-tech Labs not only manufactures the best reclaim compatible vehicle wash chemicals in the industry, but we work with each of our customers to create a customized solution that exceeds their high standards.* We offer a complete line of soaps and detergents for professional carwashes, fleet/large vehicle washes and industrial cleaning.



Our chemistry team maintains rigorous testing and performance standards for all products. Their innovative approach to research and product development sets them apart from the other technical teams in the industry.



Our partnership with customers ensures proper chemical use with ongoing field support and a wide range of consultative services. **Ver-tech products are designed with highly advanced formulas using the newest technology and raw materials available.** Our customers experience better cleaning, water savings and a more profitable wash.

We are committed to manufacturing reclaim compatible chemicals that are environmentally friendly.



**GET THE CLEANER
DIFFERENCE,
CLEAN BETTER
WITH VER-TECH.**

www.ver-techlabs.com

Alkaline (High pH) Products

- Alkaline (high pH) products are a good choice for either one-step touchless cleaning or the second step of two-step cleaning.
- **99% of vehicles can be cleaned with HEL100 Hellcat or THU100 Thunderbolt.**
- **Two-step touchless cleaning provides the best cleaning results. Choose one of Ver-tech Labs acid (low pH) products to pair with alkaline products.**
- Alkaline products target dirt, grime, oils, grease and organic soils.
- Use a “metal safe” product when cleaning vehicles and equipment with polished metal and /or soft metal components.
- Caustic products can damage polished and soft metals if not used correctly. The best use of caustic products is for cleaning work trucks with organic soils (e.g. garbage trucks).
- All alkaline products work best in soft, hot (110° F) water.
- Proper dilution of detergents is essential for touchless cleaning.

Products	Metal Safe	Reclaim Compatible	Green	Sizes
HEL100 Hellcat	Yes	Yes	Yes	5, 30, 55, 250
THU100 Thunderbolt	Yes	Yes	Yes	5, 15, 30, 55, 250
GRE100 Green Lightning	Yes	Yes	Yes	5, 55, 250
EXT122 High Pressure Power Blast	Yes	No	Yes	50#, 300#
DOU100 Double Duty	Yes	Yes	Yes	5, 55
EXT372 Bug-Be-Gone	Yes	Yes	Yes	5, 15, 30, 55

Reclaim compatible products are optimized for use in water recycling systems.

HEL100 HELLCAT

- Most concentrated, metal safe product
- Use as a one-step touchless cleaner or second step of two-step touchless cleaning
- Great choice for use in automated truckwashes
- Works in hard water conditions (soft water will still give best results)
- Premium product
- Should only be used by professionals

THU100 THUNDERBOLT

- Top selling high pH product for large vehicle, truck and equipment wash
- Versatile, excellent cleaner and degreaser
- Use as a one-step touchless cleaner or second step of two-step touchless cleaning
- Competitively priced
- Should only be used by professionals

GRE100 GREEN LIGHTNING

- Economical truck wash soap best used with a brush
- Dilute 1:10 or stronger for touchless cleaning

EXT122 HIGH PRESSURE POWER BLAST

- Superior highly concentrated powder for washing or degreasing
- Excellent cleaning and foaming properties
- Requires blend tank
- Use 1:10 or stronger for touchless cleaning
- Can be used for brush cleaning vehicles and equipment

DOU100 DOUBLE DUTY

- Light duty truck wash soap
- An excellent debugger, may actually dry on the surface
- Can be applied to hot vehicle surfaces without damaging paint or metal
- May require some brushing, not for touchless cleaning

EXT372 BUG BE GONE

- Spray on windshield, grill, mirrors and other surfaces with insect residue prior to washing with other VTL products
- Softens and removes bugs and light soils
- Will not damage vehicle surfaces if it dries on a hot vehicle

Acid (Low pH) Products



- Acid (low pH) products have two functions:
 - Removing inorganic soils, dirt metals and hard water scale
 - Cleaning and brightening glass and metals
- **Two-step cleaning provides the best cleaning results. Low pH products will not completely clean equipment and vehicles on their own. Use with a Ver-tech Labs high pH product.**
- Our low pH products target different types of soils and will work better in different geographic areas. Ask your chemical representative on the product best suited for your cleaning conditions.

Products	Metal Safe	Reclaim Compatible	Green	Sizes
EXT427 Sapper	Yes	Yes	Yes	5, 30
EXT430 Vision	Yes	Yes	Yes	5, 15, 30, 55
EXT470 Lightning	No	Yes	Yes	5, 30, 55
STR500 Stryker	No	Yes	Yes	5, 55
CIT110 Citric Clean contains Sulfuric acid	Yes	No	Yes	5, 55, 250
SUP110 Alupalite contains Hydrofluoric and Sulfuric acid	No	No	Yes	5, 55
SUP120 Alupalite Super contains Hydrofluoric and Sulfuric acid	No	No	Yes	5, 55

EXT427 SAPPER

- Step 1 of two-step cleaning
- Soft metal and polished metal safe
- Good choice for cleaning metal tankers
- Removes light oxidation

EXT430 VISION

- Step 1 of two-step cleaning
- Metal safe
- Removes lignin based soils that yellow trailers
- Recommend use with Hellcat or Thunderbolt

EXT470 LIGHTNING

- Step 1 of two-step cleaning
- Safer alternative for HF
- Great for restoring tankers
- Other than Alupalite, our best product for removing oxidation

STR500 STRYKER

- Step 1 of two-step cleaning
- Excellent alternative for HF
- Low foam product for reclaim systems
- Good on glass and chrome surfaces

CIT110 CITRIC CLEAN

- Step 1 of two-step cleaning
- Most versatile low pH truck wash product
- Metal safe on aluminum
- Good brightener
- Heavy duty cleaner
- Recommend use with Hellcat or Thunderbolt

SUP110 ALUPALITE

- Step 1 of two-step cleaning
- Contains HF and Sulfuric Acid
- Use to clean up aluminum rails
- Use on older trucks without polished aluminum

SUP120 ALUPALITE SUPER

- Step 1 of two-step cleaning
- Contains HF and Sulfuric Acid
- Recommend use with a strong alkaline product such as Hellcat, Thunderbolt, Golden Knight or Tonka HD
- Should only be used by professionals



How to clean a Semi-Trailer Truck

FOR BEST RESULTS, USE A TWO-STEP TOUCHLESS CLEANING PROCESS

TWO-STEP TOUCHLESS CLEANING:

Clean your semi-trailer from front to back and in small vertical sections (8-10 feet wide)

STEP 1:

Apply a low pH (acid) detergent to the vehicle surface using a Foam Maxx foamer

- When applying the chemical, foam it on from the bottom of the vehicle to the top of the vehicle

STEP 2:

Apply a high pH (alkaline) detergent directly on top of the low pH (acid) detergent, from the bottom to top of the vehicle

STEP 3:

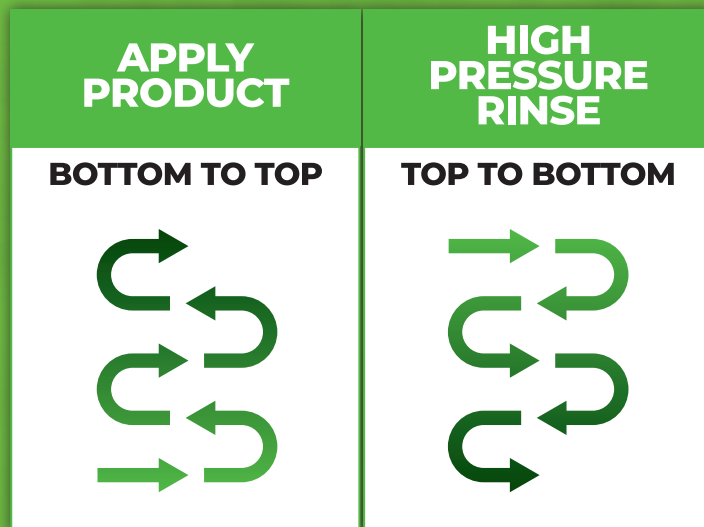
Allow for a short dwell time 30-45 seconds

- Do not allow the chemical to dry on the surface

STEP 4:

Use warm water (90°F - 100°F) for your high pressure rinse and rinse the vehicle section from top to bottom

- Maintain your high pressure nozzle within 18 inches of the surface and a spray angle of 15° - 45°
- Repeat Steps 1-4 until your truck is clean
- The best products to use for two-step cleaning are **CIT110 Citric Clean** for the first step and **HEL100 Hellcat** or **THU100 Thunderbolt** for the second step



Surface damage can occur if products are left on the surface beyond the recommended time frame.

Surface damage can occur if the vehicle's surface temperature is high – use caution if the vehicle has been in the sun prior to washing.

WHY USE FOAMING EQUIPMENT?

- Applies detergent solutions quickly and easily
- Applies the correct chemical concentration every time
- Increases detergent dwell time on the surface to be cleaned
- Lower manpower cleaning costs
- Lower detergent costs
- Easier to see where you have applied detergent
- Safer for employees and equipment



Additional Truckwash Products

Products	Metal Safe	Green	Sizes
CLE100 Clean Safe degreaser and orange solvent based cleaner	Yes	Yes	5, 55, 250
ACE100 Ace 10 Plus degreaser	Yes	Yes	5, 55, 250
TOR110 Tornado Degreaser	Yes	Yes	5, 55, 4x1 Box
MOV100 Move Your Asphalt asphalt removing gel	Yes	Yes	5
ASP100 Asphalt Release	Yes	Yes	5, 55
CRE200 Crete Cutter	Yes	Yes	5, 55
EXT450 Salt Shield	Yes	Yes	5, 15, 30, 55

CLE100 Clean Safe

- Orange solvent based cleaner and degreaser
- Concentrated
- Heavy duty
- Metal safe
- Removes tar, asphalt, glues, gums

ACE100 Ace 10 Plus

- Degreaser and all purpose cleaning
- Heavy duty
- Metal safe
- Use to clean and degrease concrete floors, walls, vehicle surfaces, engines
- Can be applied with a pressure washer

TOR110 Tornado Degreaser

- Degreaser
- Concentrated
- Heavy Duty

MOV100 Move Your Asphalt

- Neutral pH gel
- Concentrated
- Heavy duty
- Metal safe
- Thick asphalt buildups can be removed through application of **MOV100 Move Your Asphalt**, dwell time of 12-15 minutes and a high pressure rinse. Longer dwell times, agitation and second applications all improve cleaning efficacy.

ASP100 Asphalt Release

- Apply product prior to loading asphalt into the truck
- Non-hazardous formula
- Has NOT been submitted for inclusion on approved/qualified products list with the Department of Transportation

CRE200 Crete Cutter

- Dissolves hardened cement on vehicle and equipment surfaces
- Apply to cool surface, morning or evening application in the shade for best results
- Dwell time will vary, can be left on surface overnight
- Dissolves concrete into a rinsable form

EXT450 Salt Shield

- Low pH product
- Cleans and neutralizes salts (winter deicers, all year dust suppressants)
- Easily integrated into wash routine
- Metal safe
- Environmentally friendly
- Reclaim compatible



Neutral detergents are a good choice for friction (brush) cleaning of vehicles and as 2nd step in friction automatic truck washes. Neutral detergents will not work for touchless cleaning.

Products	Metal Safe	Reclaim Compatible	Green	Sizes
EXT350 Super Foam	Yes	No	No	5, 30, 55
EXT291 Jolt	Yes	Yes	Yes	5, 15, 30, 55

EXT350 Super Foam

- Neutral pH detergent suitable for friction cleaning
- High foam
- Concentrated
- Metal safe

EXT291 Jolt

- Our best foam detergent
- High foaming
- Neutral pH
- Metal Safe
- Reclaim compatible

At Ver-tech Labs, our goal is to help our customers use the least amount of detergent to clean their trucks and heavy equipment effectively, at the lowest possible cost. The biggest impediment to cleaning touchlessly is poor dilution control of chemical products when using injection systems on common truckwashing equipment. Ver-tech Labs Foam Maxx foamers allow our customers to clean better and faster with controlled dilution rates and proper application of detergents.



Portable 20 Gallon Foamer With Kalrez Pump Kit

- Draws from pre-mixed solution
- Powered by compressed air
- Hinged back plate provides tool-free access to components
- Quick-change pump
- Natural color tank for easy visibility of product levels
- Hinged lid
- Front-facing drain
- In-line strainer to protect pump from debris
- Integrated hose wraps
- Anti-kink hose protection
- Discharge hose is 30 ft.
- Output distance is 25-30 feet
- Output volume is 20-45 gallons/minute
- 24" wand included



Portable 30 Gallon Foamer With Kalrez Pump Kit

- Draws from pre-mixed solution
- Powered by compressed air
- Hinged back plate provides tool-free access to components
- Quick-change pump
- Natural color tank for easy visibility of product levels
- Hinged lid
- Front-facing drain
- In-line strainer to protect pump from debris
- Integrated hose wraps
- Anti-kink hose protection
- Discharge hose is 30 ft.
- Output distance is 25-30 feet
- Output volume is 20-45 gallons/minute
- 24" wand included



Portable 50 Gallon Foamer With Kalrez Pump Kit

- Draws from pre-mixed solution
- Powered by compressed air
- Hinged back plate provides tool-free access to components
- Quick-change pump
- Natural color tank for easy visibility of product levels
- Hinged lid
- In-line strainer to protect pump from debris
- Anti-kink hose protection
- Discharge hose 50 ft.
- Output distance 25-30 ft.
- Output volume 20-45 gal/min
- 24" wand included

Included 24" wand



Foam Maxx Pre-Mix Foam Unit

- Draws from pre-mixed solution
- Powered by compressed air
- Stainless steel ball valve and wand
- Stainless steel fluid fittings
- Quick-change pump
- Suction line 8 ft.
- Discharge hose 50 ft.
- Output distance 25-30 ft.
- Output volume 20-45 gal/min

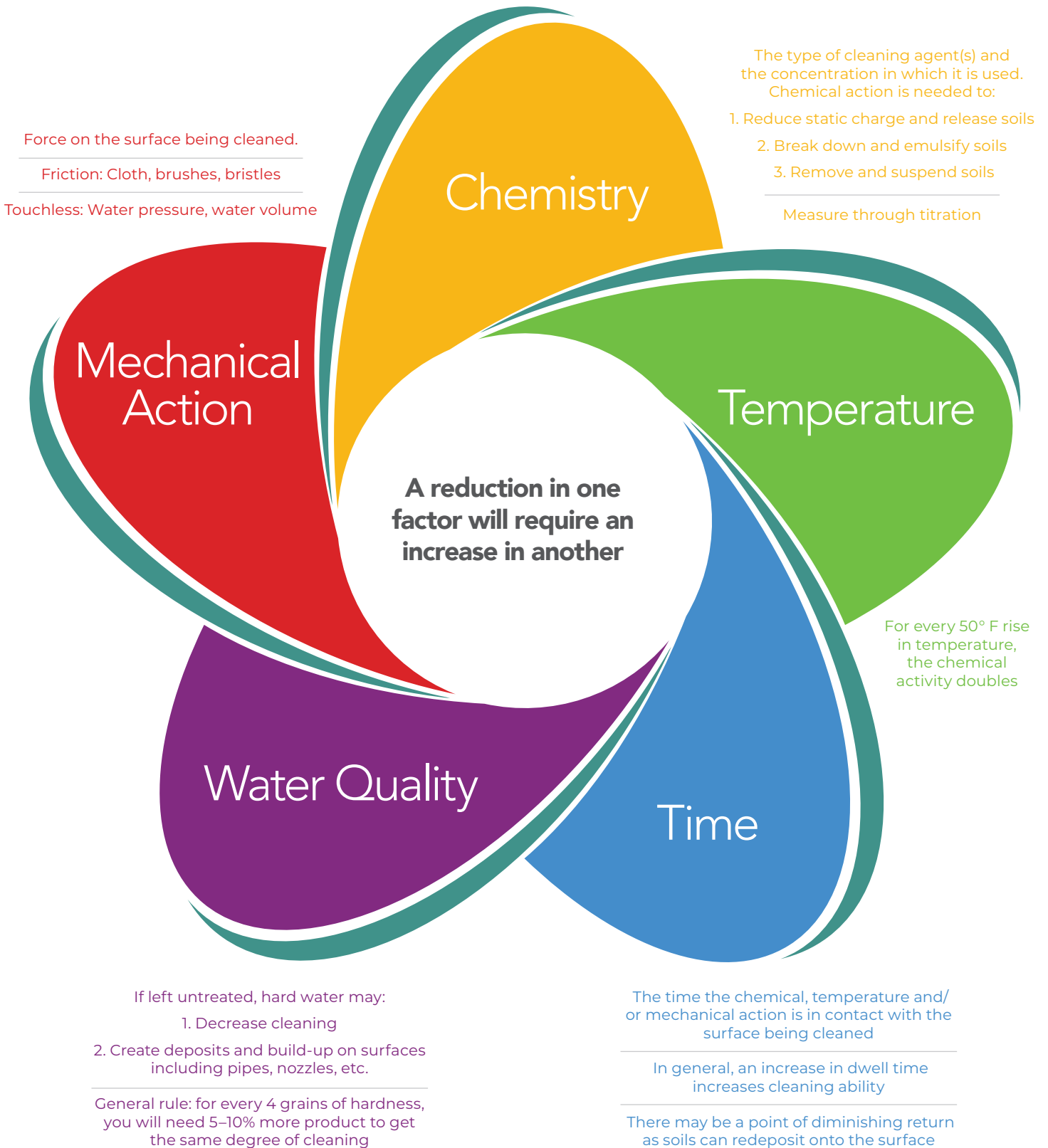


Foam Maxx Concentrate Foam Unit

- Draws from concentrated product
- Dilutes at ratios of 14:1 to 320:1
- Powered by compressed air
- Stainless steel ball valve and wand
- Stainless steel fluid fittings
- Quick-change pump
- Suction line 8 ft.
- Discharge hose 50 ft.
- Output distance 25-30 ft.
- Output volume 20-45 gal/min



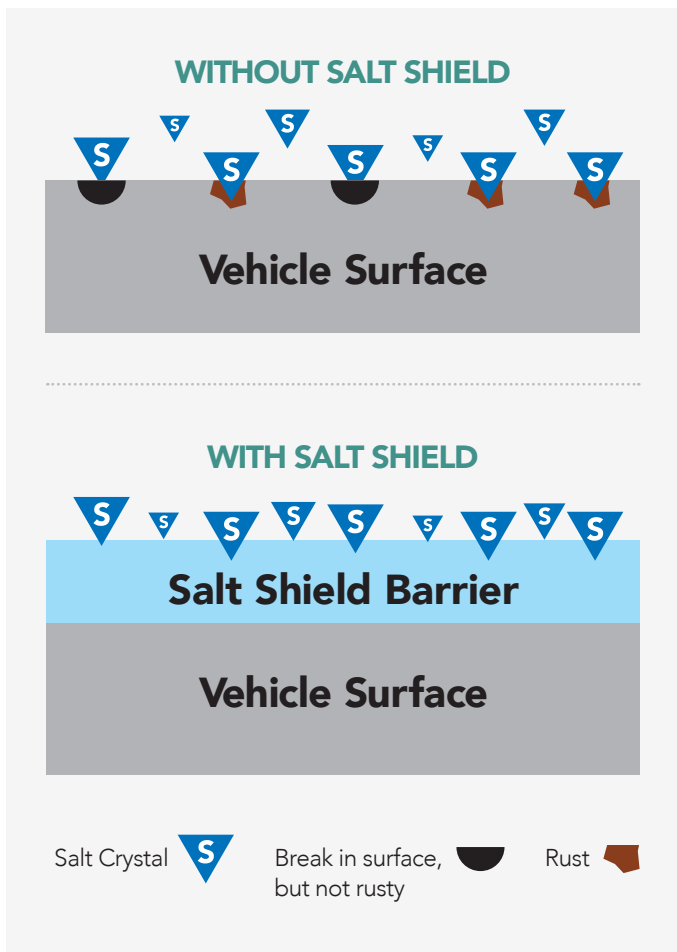
5 FACTORS OF CLEANING



How does vehicle corrosion occur?

Vehicles driven on roads treated with deicers and dust suppressants, as well as coastal areas are all exposed to salts. These salts attract moisture from the air and are then dissolved. The dissolved salts increase water conductivity, making an electrolyte solution. Much in the same way an electrolyte in a battery facilitates the movement of electrons from one electrode to another, immersing any metal in an electrolyte solution speeds up the movement of electrons and the process of corrosion.

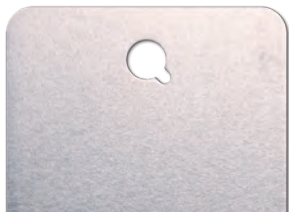
Using Salt Shield® will ensure that salts are thoroughly washed off surfaces. Regular use of Salt Shield creates a sacrificial barrier on the vehicle surface that mitigates the corrosive effect of salts.



The Salt Shield sacrificial coating prevents salt crystals from reaching the vehicle surface.

Salt Shield® is a specially formulated low pH detergent that will clean and neutralize salts. Salt Shield chemically reacts with exposed metal surfaces, creating a protective barrier and enhancing resistance against salts. With regular use, Salt Shield can remove some preformed rust from the vehicle surface.

SALT SHIELD PROTECTION ORIGINAL



Untreated

Cold rolled steel panel, SAE designation 1010.



When Salt Shield® is applied, it chemically reacts with the metal to form a coating.

AFTER EXPOSURE TO SALT SOLUTION



Untreated

Rust forms on an untreated panel.



Salt Shield® coating acts as a protective barrier, enhancing resistance to rust formation.

Salt Gator

UNDERCARRIAGE WASHER

The Salt Gator is equipped with a unique chemical application feature and effectively flushes undercarriage dirt and debris. The three wheel assembly glides smoothly over rough, uneven surfaces and allows one handed operation. Salt Gator reduces cleaning time with a rotating stainless steel nozzle assembly that delivers a powerful 24" wide cleaning path. Salt Gator's ergonomically designed handle allows the user to reach all parts of the undercarriage from one side of a vehicle with minimal bending. Use EXT 450 Salt Shield® with the Salt Gator to reduce the corrosive effects of magnesium chloride and calcium chloride commonly found in dust suppressants, road salts and deicers.

FEATURES

- Easy to use
- 24" wide cleaning path
- Chemical application feature with metering tips
- Maneuvers easily over rough, uneven surfaces
- Extended handle allows user to clean a vehicle from one side
- Ergonomically designed handle reduces awkward bending while cleaning
- Typical clean and rinse process can be accomplished under 10 minutes
- Use with EXT450 Salt Shield® to clean and reduce the corrosive effects of road salts

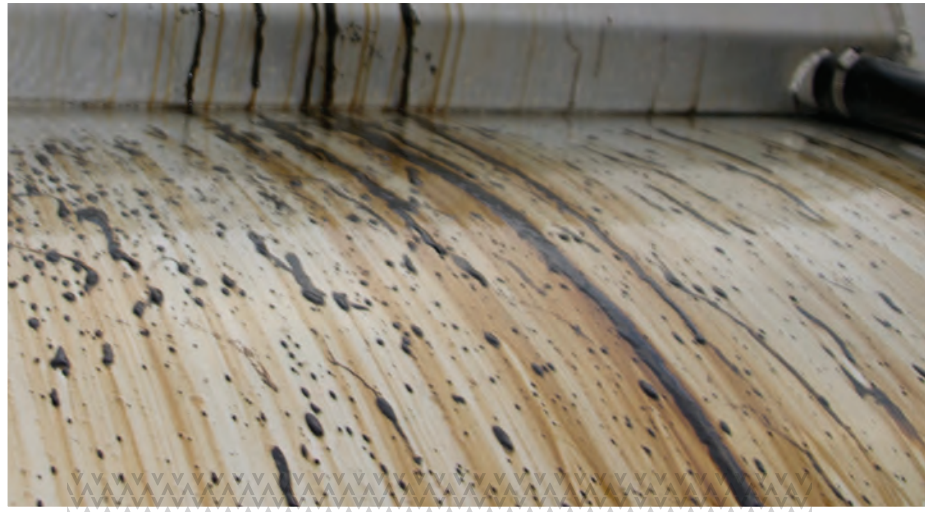


ADDITIONAL DETAILS

- Requires 11.5 inch vehicle clearance
- Requires 2.5 – 8 gpm pressure washer
- Rotating stainless steel nozzle assembly, 2 x 0° nozzle and 2 x 25° nozzle
- 64 oz. chemical container
- 36" – 53" adjustable handle
- 2 x 10" flat free wheels and 1 x 6" front wheel
- Rated up to 4000 PSI
- Maximum temperature 250 degrees Fahrenheit
- 75 pounds
- Manual, metering tip kit, coupler plug included



Salt Gator - Clean & Protect Undercarriages



Whether you are cleaning large on/off road vehicles, degreasing engines/parts, maintaining fleet vehicles or keeping your maintenance facility floors clean, Ver-tech has a cleaning solution for you. We have a complete line of chemical products and application equipment for cleaning all types of large vehicles, equipment and facilities. Our chemical representatives have over 250 years of combined cleaning experience and work with you to design a complete program that allows you to clean effectively, save time and save money.

Contact Ver-tech today to learn how we can help you to Clean Better and make your life easier.



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