

TRUCK WASH

Viper - Instructions

pH:	11.8-12.0
Caustic:	NO
Degreaser:	YES
Phosphates:	YES
Gloss Enhancers:	HEAVY
Rinsing:	VERY GOOD
SuperFlo Polymer:	NO
Packaging:	One 40-pound carton of powder with 1 gallon of liquid additive will yield 55 gallons of liquid detergent concentrate.



VIPER is a professional strength alkaline cleaning agent that was originally developed for truck & bus washing where heavy exhaust carbons and grease need to be removed. This product contains a liquid "carbon release additive". It can also be useful for a variety of other cleaning applications. Any time you are unsure of suitability, do a test on a small inconspicuous area. This product can be used as a single step cleaner or step #2 in a two step cleaning environment.

Mixing Instructions: Read and understand these instructions before starting to mix this product. Use warm water (never hot - not to exceed 120 degrees F). Warm water helps powders go into solution more easily. Hot water, on the other hand, will blow apart many of the surfactants utilized in the formulary process. It is possible to use cold water but additional manual agitation may be required. Use a clean poly drum and fill it approximately 40% full with warm water. Place the nozzle of a high-pressure washer close to the bottom of the drum and continue filling while adding the one gallon liquid product. **WASH AND DISCARD LIQUID CONTAINER BEFORE DISPOSING.** At 50% full, start adding the powder. When the drum is 90% full all the powder should be in solution. Continue filling until the drum is full. The result is 55 gallons of liquid concentrate that is now ready for use.

Dilutions: The amount you dilute Viper depends on many factors and cannot be covered by one statement. The following guidelines are a starting point from which you should adjust. Chemical dilution rates need to be adjusted because of weather conditions, cleaning difficulty, washing method used, including PSI and whether or not you brush, and desired result. Remember that a typical downstream injector is already diluting the product approximately 1 part detergent to 9 parts water (10%) for most injectors or 2 parts product to 8 parts water (20%) with an Allison super suds sucker injector.

Starting Dilution: 1 part product to 70-85 parts water
(Salesmen will tell you very high dilution rates attempting to make you think their product is the best. Actual washing experience is the only way to determine what is right for you. Remember, detergent is much cheaper than labor.)

Washing technique (single step): Coat the surface to be cleaned with Viper at low pressure. High-pressure wash the surface removing the detergent and released dirt. Never apply detergent to an area larger than you can wash off prior to the detergent drying on the surface. Always apply chemical from the bottom to the top and rinse from the top down for best results.

Washing technique (two step): Apply the first step, which is usually an acid product, to the surface to be cleaned. Immediately apply Viper on top of the first step product. You will see the pollutant explode from the surface. High-pressure wash the surface removing the detergent and released dirt. Never apply detergent to an area larger than you can wash off prior to the detergent drying on the surface.

Note: It is important to always rinse well and when you think you are done - rinse again. This should be common practice with all cleaning solutions. Pay special attention to horizontal surfaces that may trap detergent allowing it to run down onto surfaces after you have washed them. Examples of where this occurs would be run-off from tractor roofs and trailer tops. Try not to put detergent in these areas, if you do be sure to get it rinsed off to leave a streak free surface. It is also important to note that Viper rinses better with warm water than with cold. In cold water applications, the addition of Speed X-777 rinsing additive will cut your rinse time by as much as 80%.

Recommended surfaces that can be cleaned with Viper: Truck Bodies, Car Washes, Asphalt Parking Areas, Vinyl Siding, Painted Wood, Aluminum Siding, Steel Siding, Tile Roofs, Brick, Stucco, Stainless Steel, Chrome, Bare Metal, Most plastics (test), Most awnings (test), Canvas (may need waterproofing applied after cleaning.)

Make it a practice to always read and insist your employees read and understand the MSDS that accompanies this product.

CAUTION - Avoid Alkaline Shock: Any detergent product that is applied to a hot surface stands a chance of producing alkaline shock. The surface is hot - a strong solution of detergent is applied - the water evaporates from the product before you have a chance to rinse - all resulting in a dull, streaked or tarnished surface which is often irreversible. Cool the surface down with water first then apply the product. On real hot days turn off the burner and wash with cold water.

Gloss Enhancers have made us famous! Order up a drum pack and see why!