



# Technical Bulletin



## ASTF1 Power Wash

### Touch Free Automatic Car Washing Liquid

#### Product Description:

TF1 Power Wash is a concentrated vehicle wash formulated to remove road film, exhaust deposits and bug residues from painted surfaces. An alkaline, foaming product designed for use in touch-free car wash facilities and for high pressure washing equipment using hot or cold water.

#### BENEFITS:

Effective Penetrated and loosens road film and bug residues without scrubbing

Concentrated Highly dilutable for a number of tasks. cost effective at end-use dilutions

Versatile Can be used in prep area, presoak shampoo, pressure washing and wheel and tyre applications. Suitable for touch-free and hybrid washes

Free-rinsing Synthetic detergents rinse completely and freely to aid in the elimination of streaking.

Environmentally Contains no phosphates or acids.

Quick Break Formulation Allows emulsified oils and grease to be collected in greasetraps and triple interceptors. Excellent for use where water recycling systems are employed

Designed for touch-free and hybrid vehicle washes.

#### Application:

TF High pH is automatically foamed onto all exterior surfaces of the vehicle during the second (alkali wash) pass of a two-step, touch free wash program. To optimise cleaning performance, use a spray unit that enhances aeration of the foam. When TF High pH is applied, over the top of TF Low pH (acid pre-soak), the mixed foam layer instantly highlight car surface coverage and detergent activity. Allow the combined detergent solution to soak for at least 30 seconds, then initiate the touch free high-pressure wash to remove the surface soils and remaining detergent solution.



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## Application:

### Commercial Use:

TF High pH is automatically dispensed at a dilution rate of 1 to 1.5% v/v (equivalent to 10 to 15 ml per litre, or approximately 1 part in 70 to 90 parts water) depending on the touch free machine used, local water conditions, and the level of soil. For further advice, consult your local Castle Chemical specialist.

### Surface Compatibility:

Safe to use on all exterior vehicle surfaces when applied in combination with TF Low pH acid pre-soak, as recommended. High concentrations and prolonged contact may damage vehicle surfaces. Do not allow TF High pH solutions to remain in contact with car surfaces (especially aluminium fittings, plated surfaces, etc) for longer than 30-60 seconds, prior to neutralisation with TF Low pH.

Do not allow TF High pH solutions to dry onto surfaces.

Do not apply TF High pH solutions to damaged or faded surfaces.

### Safe Handling (and Storage):

Use only as directed, in combination with Aquashine TF Low pH acid pre-soak. Do not mix with other products. Highly alkaline detergent. Avoid contact with skin and eyes. Avoid breathing vapour or spray mist. Wear safety glasses if splashing may occur, especially if contact lenses are worn. Wear suitable (e.g. PVC or rubber) gloves. Ingestion of concentrate may irritate mouth, oesophagus and stomach. Store in accordance with local Dangerous Goods regulations. For commercial and industrial use only.

For further information, please consult the Materials Safety Data Sheet.

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