Technical Bulletin

AquaShine professional car care made easy

Touch Free High pH Plus

Premium Concentrated Alkaline Detergent – 2 Step System

Product Description:

TF High pH Plus is a unique vehicle alkaline car wash that brings the latest detergent technology to touch free wash programs. Applied with professional 2-step touch free equipment, this advanced alkali detergent combines with the dedicated acidic pre-soak, TF Low pH Plus to generate a fast acting foam that provides a synergistic detergent system application.

Used together, these new Aquashine Touch Free Plus detergents deliver ultimate customer satisfaction by way of an exceptional, 2 Step Cleaning System that rapidly and safely lifts road film and stubborn soils from all exterior car surfaces.

Employs a rapid and effective cleaning system based on the latest car wash research. Rapidly removes road film and stubborn soils from all exterior car surfaces. Assists machine technicians to optimise foam coverage
Generates a rich foam layer that rinses freely from the vehicle. Contains biodegradable surfactants. Ideal for use with all automated touch free equipment.

Application:

TF High pH Plus 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 Plus is applied, over the top of TF Low pH Plus (acid pre-soak), the mixed foam layer instantly highlights 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.

Commercial Use:
TF High pH Plus 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.

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Titration: Use Castle TITKIT to achieve results:

Aquashine TF High pH Plus, 2mL sample, 2 drops PA1, TA3 titrant	
Drops	**Dilution Ratio**
4	1:499
9	1:199
12	1:142
17	1:99
20	1:82
25	1:66
28	1:58
33	1:49

Surface Compatibility:
Safe to use on all exterior vehicle surfaces when applied in combination with TF Low pH Plus acid
pre-soak, as recommended. High concentrations and prolonged contact may damage vehicle surfaces.
Do not allow TF High pH Plus 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 Plus.

Do not allow TF High pH Plus solutions to dry onto surfaces.
Do not apply TF High pH Plus solutions to damaged or faded surfaces.

Safe Handling (and Storage):
Use only as directed, in combination with Aquashine TF Low pH Plus 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 Safety Data Sheet. Code: 33124

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