



Technical Bulletin



ASTFHP High pH

Touch Free Alkali Car Wash

Product Description:

TF High pH is a unique vehicle alkali 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 pre-soak, TF Low pH, to generate a fast acting foam that provides a synergistic detergent system application.

Used together, these new Aquashine touch free detergents deliver ultimate customer satisfaction by way of an exceptional, twin package 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

Appearance: Clear, thin, foaming, blue/green liquid

Fragrance: Characteristic

Solubility: in Water Readily miscible

pH: (Neat) 13.5 – 14.0

Specific: Gravity (25°C) 1.05

Flashpoint: Non-flammable

Shelf Life: 12 Months minimum

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 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.



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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.

MANUFACTURED BY CASTLE CHEMICALS UNDER LICENCE TO APPLIED AUSTRALIA

SHELF LIFE: As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 12 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.

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