

Technical Bulletin



VANGUARD PRESOAKS

Professional Touch Free Vehicle Cleaning System

Product Description:

Vanguard Presoaks are a premium range of hyper concentrated touch free vehicle pre-soaks formulated to deliver exceptional cleaning performance with minimal cost for modern automatic wash systems.

Developed using a blend of patented and proprietary chemical technologies, Vanguard Presoaks provide a **cost-effective, high-impact clean** that aggressively attacks **both inorganic and organic soils**, including road film, oils, traffic grime, and mineral deposits.

When used as part of a multi-step cleaning process, Vanguard Presoaks maximise soil removal, improve rinse efficiency, and enhance overall wash results while remaining safe for vehicle surfaces when used as directed.

Key Features and Benefits:

- Attacks both **organic soils** (oil, grease, traffic film) and **inorganic soils** (mineral deposits, hard water scale)
- Cost-effective Hyper concentrated formulation
- Low consumption means less drum changes and stock held.
- Optimised for single pass application of both Low and High Presoak.
- Enhances foam presentation and surface coverage
- Improves rinsing efficiency and wash consistency
- Designed for professional commercial use
- Low fuming compared to most other products on the market

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Product Range and Application Rates:

Application rates are based on typical touch free systems

Actual usage may vary depending on: Equipment type; injector size and calibration; water flow and pressure; local water quality and hardness; vehicle soil load.

For optimal results, ensure correct chemical dilution and equipment setup. Adjust rates as required to suit site-specific conditions.

Vanguard Low pH Presoak

A unique blend of highly concentrated acids and detergents designed to break down mineral deposits and inorganic contamination while preparing surfaces for alkaline cleaning.

- **Application Rate:**

20 – 25 mL per vehicle (single pass)

Vanguard Auto Presoak Plus

An advanced blend of high functioning surfactants and solvents, formulated to aggressively remove organic soils such as oils, road film, and grime when combined with Vanguard High pH

- **Application Rate:**

15 – 20 mL per vehicle (single pass)

Vanguard High pH

A highly concentrated dual alkalinity source designed to vastly improve the performance of carwash detergents such as Vanguard Auto Presoak Plus

- **Application Rate:**

20 – 40 mL per vehicle (single pass)

For optimal results, ensure correct chemical dilution and equipment setup. Adjust rates as required to suit site-specific conditions.

Dwell Time

Allow adequate dwell time for the presoak solution to penetrate and loosen soils before high-pressure rinsing. Reduce dwell time in extreme hot or dry conditions to prevent premature drying on vehicle surfaces.

Safe Handling & Storage

- Refer to the Safety Data Sheet (SDS) for full handling and safety information.
- For commercial and industrial use only
- Avoid contact with skin and eyes
- Do not ingest concentrate
- Store in a cool, dry area away from incompatible materials

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 24 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.