



Windmill Machine Dishwash – Hard Water Dishwash Detergent – 20L

Variant code: 04-953

Windmill Machine Dishwash Hard Water Detergent is a high-performance cleaning solution designed to deliver **effective soil removal and consistent wash results** in commercial dishwashing systems. Formulated for professional use, it performs reliably across a range of water conditions, including hard water environments.

This advanced detergent features a **unique blend of cleaning agents** for accelerated removal of grease, food residues and general soiling. **Active de-foamers** ensure stable performance in demanding wash cycles, while **progressive corrosion inhibitors** help protect dishwasher components, supporting long-term machine efficiency and durability.

Suitable for all soil types and water conditions, the detergent is typically used at a concentration of **0.14% to 0.33% (1400–3300 ppm)** depending on soiling levels and water hardness. For optimal results, the wash cycle should operate at a minimum temperature of **60°C**, with performance enhanced when used in conjunction with a machine rinse aid during the final rinse stage.

For safe and effective use, remove food debris before loading. Do not use on **aluminium, lead crystal or hand-painted china**, and protect from frost during storage. Supplied in a **20L format**, it is ideal for high-volume catering and hospitality environments requiring consistent, economical cleaning performance.

Product Features

- Machine dishwasher detergent for **hard water conditions**
- Advanced formulation for **accelerated soil removal**
- Contains **active de-foamers** for consistent operation
- Includes **corrosion inhibitors** to protect equipment
- Suitable for most commercial dishwashers
- Effective across varying soil levels and

water conditions

Product Benefits

- Delivers reliable and efficient cleaning performance
- Maintains consistency in demanding wash environments
- Helps extend the lifespan of dishwashing equipment
- Supports high hygiene standards in catering settings
- Works effectively with rinse aid systems
- Ideal for high-use professional applications

Technical Characteristics

- Recommended concentration: **0.14% – 0.33% (1400–3300 ppm)**
- Minimum wash temperature: **60°C**
- Suitable for automatic dishwashing systems
- Contains defoaming and corrosion protection agents
- Do not use on **aluminium, lead crystal or decorated china**
- Protect from frost and use as directed

Applications

Windmill Machine Dishwash Hard Water Detergent is suitable for use in **commercial kitchens, catering facilities, hospitality venues and food service operations**. It is ideal for cleaning **crockery, utensils and kitchenware** in automatic dishwashing machines, ensuring effective removal of food residues while maintaining consistent performance in hard water conditions.

Property	Value
Fragrance	Odourless
pH	13
Volume (L)	20
Dilution	Normally a concentration of 0.14% – 0.33% (1400ppm – 3300ppm) is used, dependent on level of soiling and water hardness.

Property	Value
Area of Use	Dishwashers
CLP	corrosive
How to Use	Remove food scraps from dishes before racking. The temperature of the wash cycle should be at at least 60°C
Chemical Colour	Yellow