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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

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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.

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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