



Windmill Non-Bio Laundry Detergent – Suitable for Coloured & White Fabrics – 5L

Variant code: 08-110

Windmill Non-Bio Laundry Detergent is a concentrated washing solution designed to deliver **effective cleaning performance across a wide range of fabrics**. Developed for professional and domestic use, it provides reliable results while being suitable for sensitive skin.

This formulation is **100% phosphate free** and based on a blend of surfactants, sequestrants and dispersants to ensure efficient removal of dirt and stains. It includes **anti-redeposition technology and dye-transfer inhibitors**, helping prevent soil from reattaching to fabrics and protecting colours during the wash cycle.

Suitable for use on **both coloured and white fabrics**, the detergent performs effectively across a temperature range of **30°C to 95°C**, offering flexibility for different laundry requirements. It leaves items clean, fresh and well cared for after each wash.

Compatible with **all washing systems and water conditions**, including automatic dosing systems, it is ideal for consistent and economical use. Supplied in a **5L format**, it is suitable for high-use environments requiring dependable laundry performance.

Product Features

- Concentrated **non-biological laundry detergent**
- **Phosphate-free formulation**
- Contains **anti-redeposition and dye-transfer inhibitors**
- Suitable for **coloured and white fabrics**
- Effective across **30°C to 95°C wash cycles**
- Compatible with all washing systems

Product Benefits

- Provides effective cleaning while protecting fabrics
- Helps maintain colour integrity and fabric appearance

- Suitable for sensitive skin due to non-biological formulation
- Reduces risk of soil redeposition during washing
- Works efficiently in all water conditions
- Ideal for professional and high-use laundry environments

Technical Characteristics

- Non-biological detergent formulation
- Suitable for **all fabric types (excluding specialist fabrics as per guidelines)**
- Effective across a wide temperature range
- Compatible with **manual and automatic dosing systems**
- Phosphate-free composition
- Use in accordance with manufacturer guidelines

Applications

Windmill Non-Bio Laundry Detergent is suitable for use in **commercial laundries, healthcare environments, hospitality settings and domestic applications**. It is ideal for washing **bed linen, uniforms, clothing and general fabrics**, ensuring consistent cleaning performance while maintaining fabric quality and hygiene standards.

Property	Value
Fragrance	Characteristic
pH	8
Volume (L)	5
Dilution	Dose 6–15ml per kg of dry fabric (150–375ml to 25kg wash load).
Area of Use	Laundry
CLP	corrosive
How to Use	Dose into automatic machine, or feed via electronic dosing equipment.
Chemical Colour	White
Dosing Chart: Light / Normal Soiling	Dosing: 2
Dosing Chart: Medium / Typical Load	Dosing: 3–4

Property	Value
Dosing Chart: Heavy Soiling	Dosing: 5
Recommended Dosage (ml)	6–15ml per kg of dry fabric