



HARKE
Chemicals



SYENSQO
ADVANCING HUMANITY



FabricCare

Newsletter HomeCare 01/2026

Repel-O-Tex® Crystal Premium:
A New Grade for Cold Wash Liquid Laundry

July 2026

Cold Washing with Premium Products from Syensqo

Consumers are increasingly turning to short cycles and cold wash settings to save energy and extend garment life. Syensqo have developed a new grade from their Repel-O-Tex® range called Repel-O-Tex® Crystal Premium, which has been designed to offer improved cold wash performance in modern liquid laundry trends.

Repel-O-Tex® are a range of soil release polymers (SRPs), designed to boost the performance of laundry detergents. The polymers adsorb onto synthetic and mixed cotton fabrics, providing anti-soil incrustation and anti-greying benefits, helping to extend clothes lifetime and keep whites looking whiter for longer.

What is Repel-O-Tex® Crystal Premium?

Repel-O-Tex® Crystal Premium is a next-generation liquid SRP designed for cold wash and short cycle performance. With improved appearance and performance consistency during liquid laundry shelf-life, it is perfectly suited to match the new trends in liquid laundry, enabling anti-stain and malodor control performance using cold wash and short cycles in synthetic fabrics.

Key Benefits:

- Designed specifically for cold wash and short cycle liquid laundry
- Transparent liquid – remains clear and stable upon ageing
- Readily biodegradable, REACH compliant, Detergents Ecocert compliant
- Recommended addition level: 0.5–1.0 wt%

The Repel-O-Tex® Range at a Glance

Crystal Premium joins an established portfolio. The table below compares the key grades available from HARKE Chemicals GmbH:

	Main Application	Soil Release	Whiteness	Cold Wash	Stability	Biodeg
Crystal	Liquid laundry detergent	++	++	+	+	Readily
Crystal Premium	Liquid laundry detergent	+++	++	++	++	Readily
Crystal NAT	Bio-based liquid laundry	++	++	+	+	Readily
SRP6	Powder	++	++	+	+++	Readily
SF2	High anionic powder	+++	++	–	+++	Inherently

Other Laundry Performance Ingredients

HARKE Chemicals GmbH also supply a number of complementary ingredients for liquid and powder laundry formulations, including:

- **Mirapol® Hygiene Boost (Syensqo)**
a specialty polymer that imparts long-lasting malodour control to fabrics without affecting primary detergency
- **Miracare® Biopacify (Syensqo)**
a natural, readily biodegradable opacifier for homecare formulations, designed as a sustainable alternative to styrene acrylate copolymers