

## Description

Multifunctional dyeing lubricant with **hydrophilizing, dispersing** and **emulsifying** properties  
Ideally suitable for synthetic fibres like PES, PA and their blends.  
Highly effective **running crease inhibitor** ensures optimum plaiting during dyeing.

## Performance Highlights

- Confers durable hydrophilic properties
- High dispersing and emulsifying power
- Improved crease recovery
- Confers durable softness
- Excellent removal of residues (wax, sizes, oil, etc.)
- With PES staple yarn qualities, improved running properties of the weft yarns in subsequent weaving processes
- Can be combined with anionic and cationic auxiliaries.

## Product Characteristics

Ionogenity: non-ionic  
Appearance: beige emulsion  
Technology: made of recycled PET flakes  
pH value: 4-7  
Density: 1.0 g/cm<sup>3</sup>

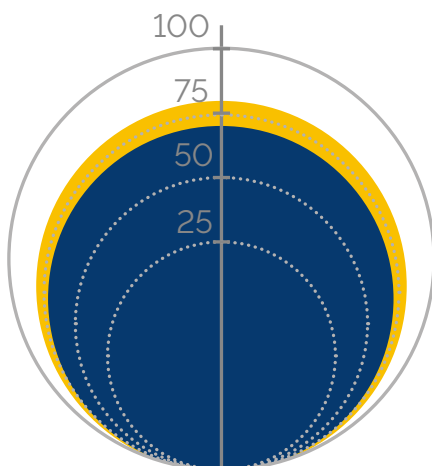
## Performance Overview

**RUCOLIN® UPCYCLE SDS** - the true all-rounder:

**RUCOLIN® UPCYCLE SDS** reduces effectively fibre/fibre and fibre/metal friction, thus ensures optimum plaiting during dyeing

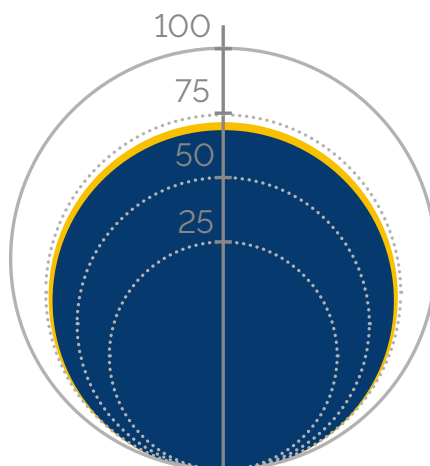
Friction measurement on PES, 5m/min

- Without = 100 %
- 0,5 g/l > 79 %
- 1 g/l > 69 %



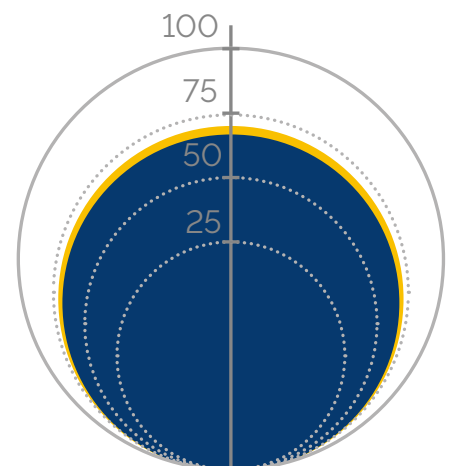
Conventional product A

- Without = 100 %
- 0,5 g/l > 70 %
- 1 g/l > 66 %



Conventional product B

- Without = 100 %
- 0,5 g/l > 69 %
- 1 g/l > 66 %

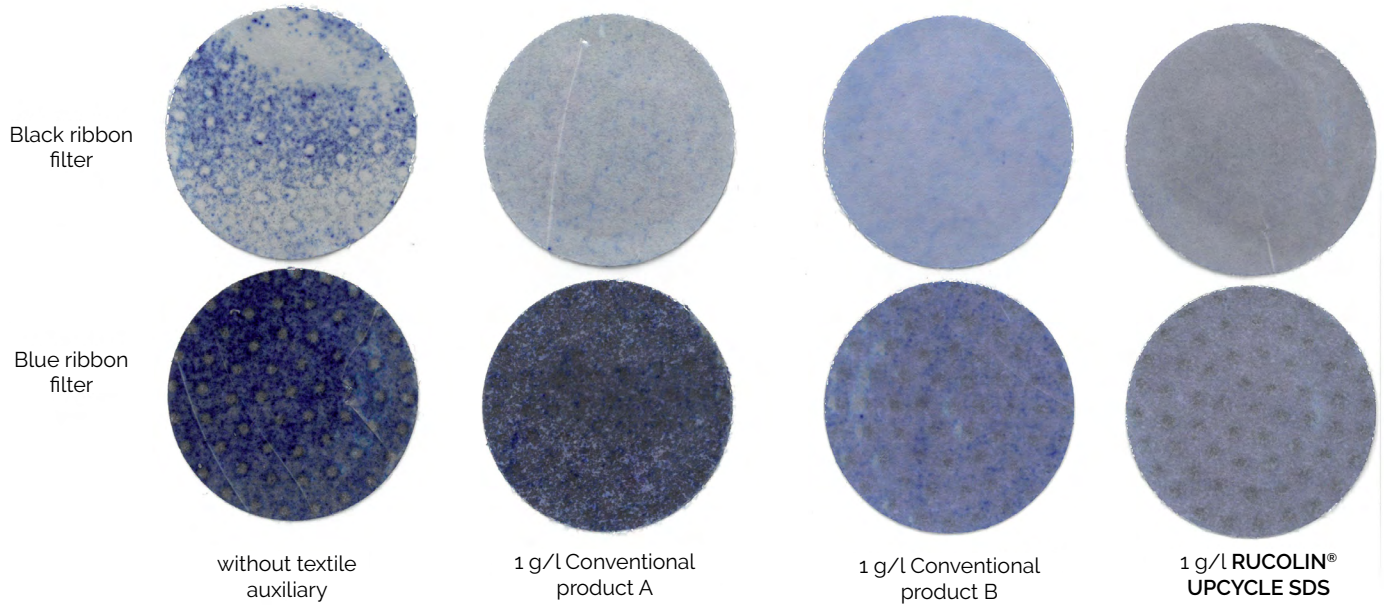


**RUCOLIN® UPCYCLE SDS**

Its high dispersing power stabilises the dye bath. Residues of fibre preparations are carried away from fibre surface and redeposition is prevented

Dispersing test with disperse dyestuff

0,5 g/l Foron Blue RD-GLF  
pH 4,5 - 5  
20 min 130 °C



## Certifications

bluesign® APPROVAL pending

GOTS 6.0 approval by ECOCERT Greenlife

ZDHC MRSL (2.0) compliant

ZDHC Gateway - Conformity pending

Standard 100 by OEKO-TEX® (suitable for class I-IV)

suitable for the production of GRS (Global Recycled Standard) certified textile products

Contact us

[www.rudolf-group.com](http://www.rudolf-group.com)