GOLDSOFT CLN

Softener, lubricant and anti-static.

Fields of Application:

- Softener for yarns, woven and knit fabric of cellulosic, synthetic fibers and their blends, application in padder o exhaustion process.

Features:

- It provides a smooth and silky touch.
- It improves sewability and napping.
- Due to its lubricating action on the sewing machine needles, it decreases the rate of breaks or overheating.
- It does not yellow white substrates and not change the pastel colors shades, drying up to 150°C.
- It can be applied in combination with fatty softeners.
- Exhaustion application has a lower performance than padding application.
- The product has good stability if it is stored according to SDS guidelines.
- This product fits the requirements of ZDHC program (Zero Discharge of Hazardous Chemicals).

Physicochemical parameters:

Aspect	Milky to slightly yellow liquid.
Chemical Nature	Composition of ethoxylates and silicone microemulsion.
Ionic character	Nonionic.
Solubility (sol. 10% w/w)	Emulsified at 25°C under stirring.
Nonvolatile content (%)	9.5 – 12.5
pH (Sol. 10% w/w, 25°C)	4.0 – 6.5
Compatibility	Compatible with optical brighteners, cationic, anionic and nonionic products and resins in general. However, it is recommended previously tests.
Application stability	Stable to hard water. Stable to acid and alkaline bath in normal application quantities.

Application:

Exhaustion	- 0.5 to 2.0% Goldsoft CLN. - Adjust pH between 4.5 – 5.0 - 20 – 30 minutes at 50°C. Dry at 100 – 130°C.
Padding	- 15.0 to 40.0 g/l Goldsoft CLN. - Pick-up 80 – 100% - Dry at 100 – 130°C.

For data of security, ecological and toxicological, see the Safety Data Sheet (SDS).