

# GOLDSOFT SI CONC

High concentration silicone microemulsion.

## Fields of Application:

- Softening of yarn, woven and knitted cellulosic fabrics, mixed and synthetic fibers by padding.

## Characteristics:

- Provides soft, full, smooth and silky feel with good fit.
- Provides good fastness to finished washing.
- It can be applied along with fatty softeners.
- It is recommended the use of HID GoldSoft for white items.
- Product has good stability if stored according to SDS guidelines.
- This product meets the parameters required by OEKO-TEX® certification.
- This product complies with REACH regulation requirements (Registration, Evaluation, Authorization and Restriction of Chemicals, European Union).
- This product complies with ZDHC program requirements (Zero Discharge of Hazardous Chemicals).

## Physicochemical parameters:

<b>Aspect</b>	Liquid clear viscous to slightly cloudy colorless to yellowish.
<b>Chemical nature</b>	Silicone Microemulsion.
<b>ionic character</b>	Nonionic.
<b>Solubility (sol. 10% w/w, 40°C)</b>	Soluble under stirring. It is recommended to dissolve in water previously heated at 40°C.
<b>Nonvolatile content (%)</b>	48.0 – 52.0
<b>pH (sol. 10% w/w, 25°C)</b>	4.0 – 5.0
<b>Compatibility</b>	Compatible with optical brighteners, with cationic, anionic, nonionic products with pre-condensed thermoplastic resins, but it is recommended to pretest.
<b>Stability in Application</b>	Stable to hard water. Stable to acids and alkalis under normal use conditions.

## Application:

<b>Padding:</b>	- 4.0 g/l of Goldsoft - Pick-up 80-100%. - Drying to 100-130°C.
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## Information storage, security and Safety Data Sheet handling (SDS).

*Note: Considering the variety of substrates and applications processes, the information provided herein faithfully, shall be construed as guidance instrument, so we cannot be held responsible for any damages resulting from improper applications. The data contained in this technical information are based on current knowledge and current investments made of our products. Additional information may be obtained from our technical department. Rev. 08/19/2016.*