



Biodegradable Carding
and Combing Lubricant

Texinol FCT 95

DESCRIPTION

Mineral oil free, water soluble lubricant, for general use in woollen processes and worsted spinning

ADVANTAGES

- Decreases fiber to metal friction during carding and combing
- Provides high level antistatic protection
- Allows smooth disentanglement during carding
- Ensures excellent wetting power
- Successfully tested in M1 test for fire propagation (polyester fabric lubricated with 1,2 % of **Texinol FCT 95**)
- Easily scourable through conventional washing processes
- "Readily biodegradable": reached the Pw1 level (the highest level) under the Norm OECD 301 B
- Environmentally friendly (no mineral oil, no alkylphenol-ethoxylate (APEO))
- Successfully tested according to DIN 75201 method A (+95 % at **the Fogging test**) on a non-woven lubricated with 0,3 % of this product
- Complies with the OEKO-TEX® standard 100 requirements when applied according to our recommendations

APPLICATIONS

- Lubrication of pure wool or wool and their blends with polyamide, polyester, acrylic, carpet yarns (dry spun or washed), acrylic blanket, pure cashmere or pure mohair and silk, during fibre preparation, carding and combing, or spinning processes
- Also suitable for pure polyester, non flammable polyester, polypropylene, and artificial fur

RECOMMENDATIONS

De-Oiling

Best conditions for a good removal:

- Temperature included between 30 °C and 50 °C
- Neutral pH
- 1 to 2 g/l of detergent from our Deterfix range

NB: this product is easily removed, just rinse in clear water. Depending on grease content of the textile material, see above the best conditions for a good removal

Quantities to be used

- General case: 2 - 4 %
- Worsted process: < 1 %
- Dry spun: 1 - 1,5 %
- Acrylic blanket: 1 - 1,5 %
- Artificial fur: 0,5 - 1 %
- Non flammable, non washed polyester: < 1,2 %

Storage

- Temperature from 5 °C to 40 °C
- Not to be exposed to temperatures below 0 °C
- Shelf Life: 1 year from TotalEnergies's delivery date

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded at ms-sds.totalenergies.com



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TYPICAL CHARACTERISTICS

Aspect at 20 °C	Clear liquid
Visual color	Almost colourless
Density at 20 °C	1,07
Aspect of a 10 % dilution in distilled water	Stable solution
Viscosity at 20 °C	180 - 220 cSt
Active material rate	> 60 %
Ionicity	Non ionic
pH in demineralized water (10 %)	6 - 7

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