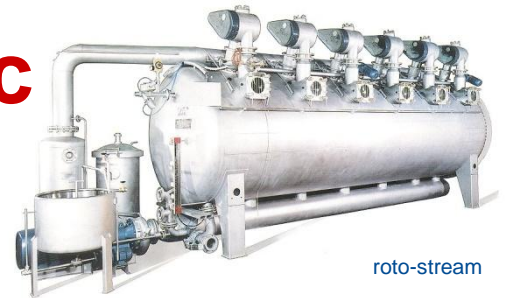


The special wetting and deterging agent

- **concentrated** - **foamless** - **dilutable** -

TISSOCYL CFD conc



BENEFITS:

- ✓ highly concentrated detergent
- ✓ applicable for all kinds of fabrics
- ✓ very good wetting performance
- ✓ excellent emulsifying of mineral and silicone oils as well as waxes
- ✓ universal for continuous and discontinuous processes
- ✓ low foaming
- ✓ stable to alkali up to 40 g/l NaOH (flakes)
- ✓ dilutable without addition of solvents
- ✓ biodegradable
- ✓ free of APEO



ZSCHIMMER & SCHWARZ
MOHSDORF GmbH & Co KG

Zertifiziertes
Managementsystem
gemäß
ISO 9001:2008

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TISSOCYL CFD conc

1. Wetting performance

TISSOCYL CFD conc provides a quick and uniform wetting of the textile fabric.

Wetting performance (immersion method, 1 g/l soda ash)		TISSOCYL CFD conc	TISSOCYL DLF	competition
1.0 g/l product	25 C	18 sec	26 sec	30 sec
0.5 g/l product	25 C	59 sec	70 sec	76 sec

2. Foaming behaviour

TISSOCYL CFD conc is very low foaming. The product guarantees maximum process reliability in machines with high liquor turbulences such as jet dyeing machines and in continuous washing and bleaching systems with automatic pumping and dosing units.

Stamping test method:
1.0 g/l detergent
1.0 g/l soda ash, 25 C



TISSOCYL CFD conc



TISSOCYL DLF



competition

3. Oil emulsifying power

TISSOCYL CFD conc shows an excellent emulsifying power. Oily and fatty substances such as needle oils and natural fats and waxes are reliably removed.

Oil emulsifying power - test method:
3 g/l detergent,
5 g/l mineral oil , coloured
Turrax (homogenizer) at 8000 rpm
for 1 min at 60°C

evaluation after 10 min



without



TISSOCYL CFD conc



TISSOCYL DLF



competition

4. Dilution

Stable and clear products without addition of solvents result from dilutions with maximum 40% TISSOCYL CFD conc.

Examples: 40 % TISSOCYL CFD conc
+ 60 % water

25 % TISSOCYL CFD conc
+ 75 % water

Production:

- prepare water (soft water recommended)
- heat up to about 30 C
- add TISSOCYL CFD conc and stir until product is homogeneous
- add preservative, if required