

The ecological detergent based on natural micro-particles

TISSOCYL NMP



BENEFITS:

- ✓ ecological and sustainable pre-treatment product
- ✓ low COD and BOD values
- ✓ excellent emulsifying of mineral and silicone oils
- ✓ oil adsorbing effects caused by natural micro-particles
- ✓ acts as crease inhibitor, offers a smooth and soft touch of goods
- ✓ very low foaming
- ✓ dosable, applicable in automatic dosing systems
- ✓ low risk of getting precipitation when applied in autoclaves
- ✓ well-balanced stabilizing of discontinuous bleaching processes
- ✓ very high degree of whiteness



ZSCHIMMER & SCHWARZ
MOHSDORF GmbH & Co KG



Textile Auxiliaries Division

TISSOCYL NMP

... the natural and sustainable detergent which offers eco-friendly, cost-efficient and safe pre-treatment processes.

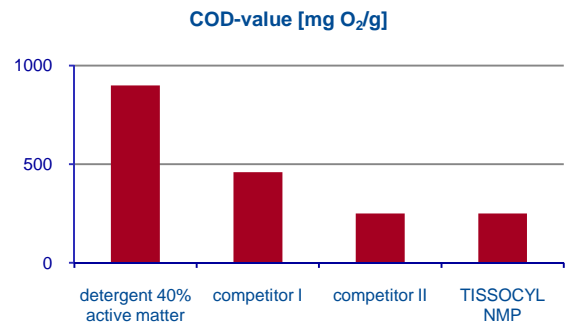


Ecological aspects by using of TISSOCYL NMP:

- Reducing of waste water load due to low COD and BOD values:

COD: 262 mg O₂/g product
BOD: 63 mg O₂/g product

- organic components are readily biodegradable
- not dangerous to aquatic organisms
- free of APEO
- GOTS 3.0 approved
- complies with Oeko-Tex Standard 100



Oil emulsifying power

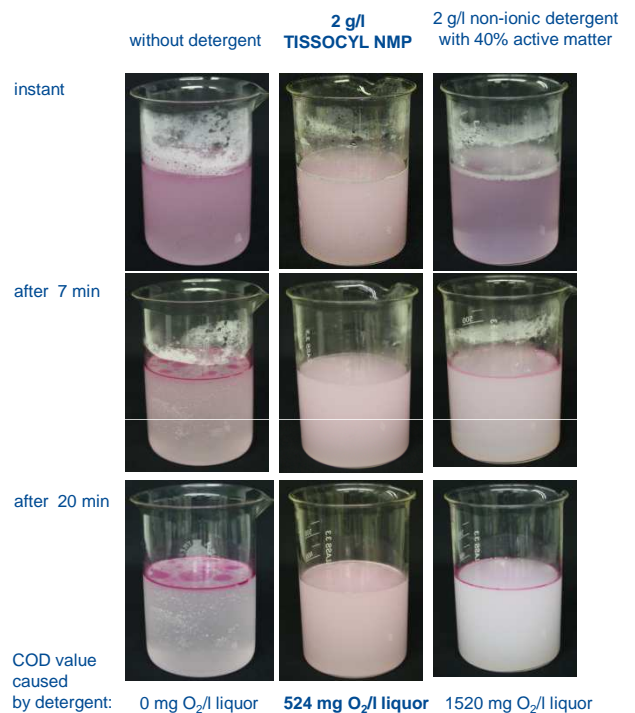
The use of special micro-particles results in an excellent emulsifying of mineral and silicone oils.

The quantity of detergent used regularly can be reduced this way.

Test conditions

1 g/l mineral oil, non-emulsified, colored
2 g/l product
emulsifying 30 min 70°C

TISSOCYL NMP lowers the COD value of the washing liquor and increases the emulsifying of oils.



Application fields:

- discontinuous and continuous scouring of synthetics and their mixtures with elastane
- desizing of cellulosic and synthetic sizes
- discontinuous hydrogen peroxide bleaching of cotton and mixtures with synthetics