



Losin OCB and Losin OCB-O

Environmentally compatible washing, cleaning and wet detaching agent for all fibre types and packaging – low odour and biodegradable



Properties and Advantages of Losin OCB

- ✓ Outstanding cleaning agent for removing preparations and oily contaminations
- ✓ For all types of fibre and packaging
- ✓ Removes preparations that are difficult to remove, in particular also silicone lubricants on Lycra
- ✓ Quick effect – independently of temperature
- ✓ Easily biodegradable according to OECD 302 B
- ✓ Very good wet detaching agent
- ✓ Dilutes well in cold water
- ✓ Low odour
- ✓ Enzyme-compatible
- ✓ High antibackstaining capacity
- ✓ Ensures quick, even penetration
- ✓ High dispersion capacity
- ✓ Very good wetting and washing effect

Losin OCB is a mix of optimally coordinated fat alcohol ethoxylates and biodegradable fat solvents with outstanding dissolving capacity for the following contaminations:

- Fats and oils
- Waxes
- Silicone oils
- Tar and resin contamination
- Spinning lubricants
- Synthetic sizes

Application areas

- Desizing, pre-washing
- Boiling, bleaching
- In the dye bath

Application

- Discontinuous, continuous
- Block retention procedure
- Local application (detachment)

Application

- In the first step, the preparations are separated from the fibre in the pre-wash.
- In the second step, a stable oil-in-water emulsion is formed that keeps the released preparations and contaminations suspended throughout the washing process.

Losin OCB is stable

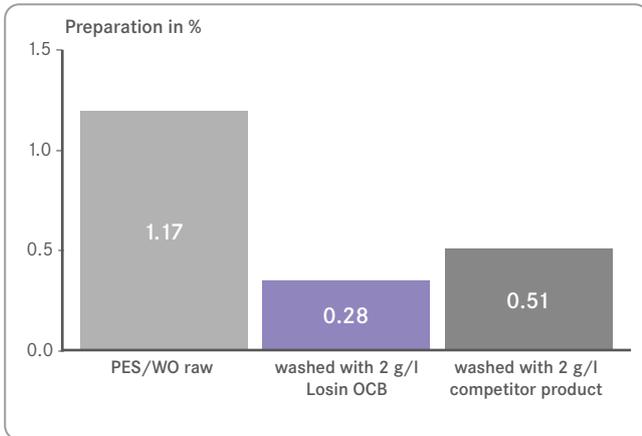
- Up to > 30 °dH
- At pH-values between 1 and 13
- Towards high electrolyte volumes
- In oxidising and reducing liquors

For work instructions with high turbulences, use of the low-foaming version Losin OCB-O is recommended.

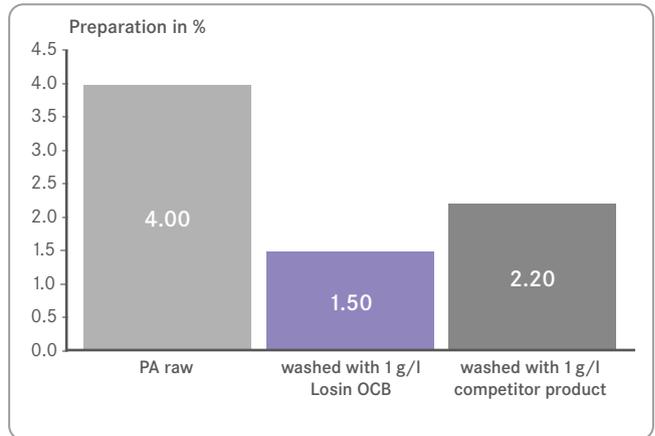
Washing and emulsifying capacity

Reduction of the quantities of preparations after washing with **Losin OCB**.

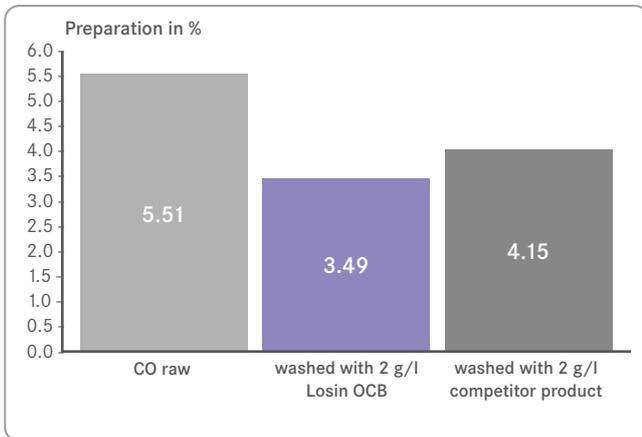
PES/WO-fabric with mineral oil



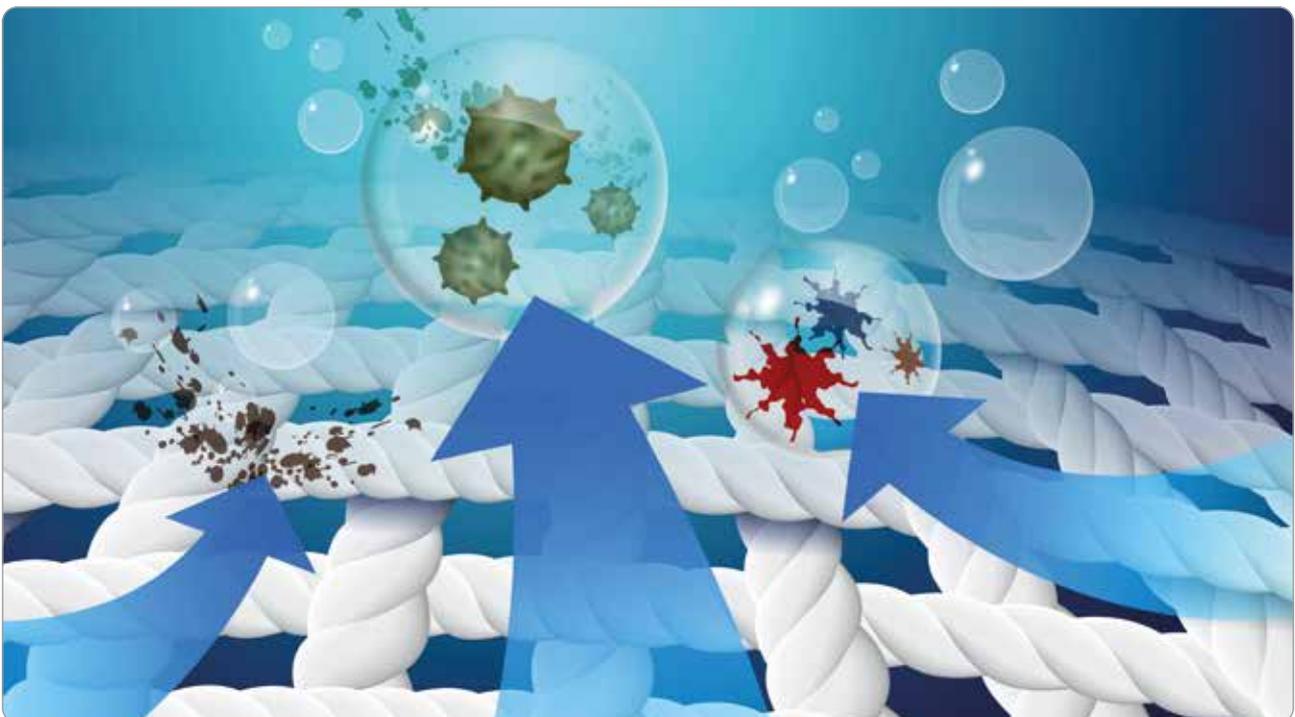
PA-knitwear with silicone oil



CO-fabrics with silicone oil

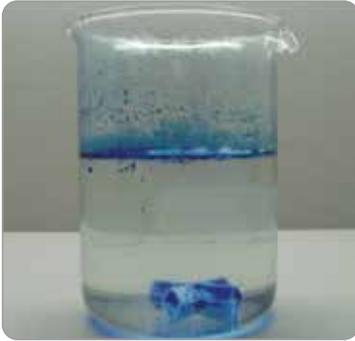


PA knitwear and CO fabric were padded with 50 g/l silicone oil AK-5000 and dried at room temperatures. The application volumes of PES/WO-fabrics were determined before and after conventional washing.



Oil emulsifying capacity

Oil emulsifying test



without detergent



with 3 g/l Losin OCB

Test conditions:

- 5 g/l dyed mineral oil
- 3 g/l Losin OCB
- 1 g/l soda
- Liquor temperature: 60 °C
- Emulsifying
- Assessment after a service life of 60 min

Oil/water emulsions are electrolyte-sensitive. Electrolytes are always present in washing and cleaning processes, caused by earth alkalis of the water or the goods that are carried in. Therefore, soda was added to the test solutions adjusted to the practical conditions.

Result:

The emulsion breaks without detergent; the mineral oil becomes creamy and deposits along the walls of the jar. The test liquor with **Losin OCB** remains stable even after an hour's resting time.

Emulsifying capacity

Oily contaminations, presented in fluorescent light



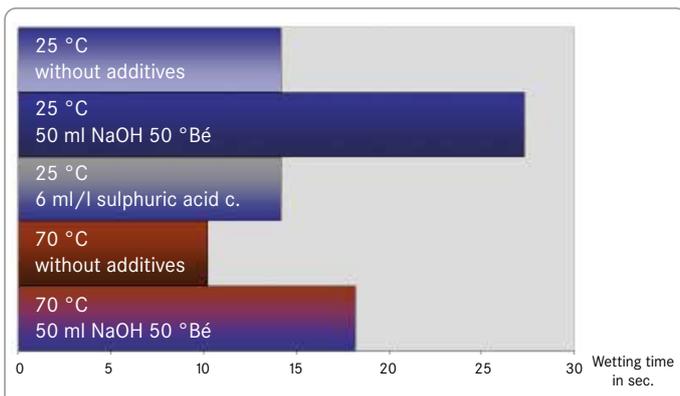
Visible oil drops



washed with 2 g/l Losin OCB

Wetting capacity

The wetting effect of **Losin OCB** was determined with 1.0 g/l product from 6 individual measurements each.

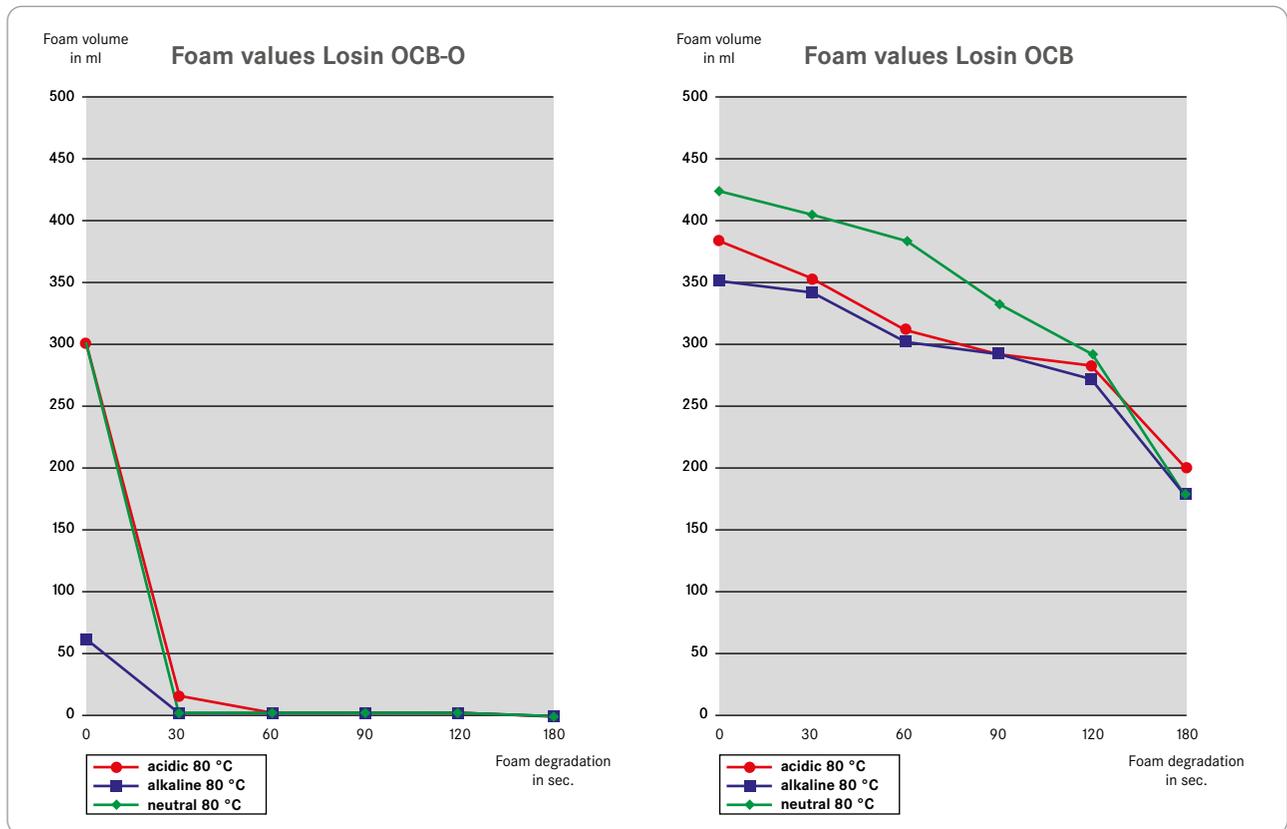


The good wetting effect of **Losin OCB** at room temperature is not impaired by strong acids. High alkali additions slow wetting. Higher temperatures increase the wetting effect.

Losin OCB-O – the low-foaming version of Losin OCB

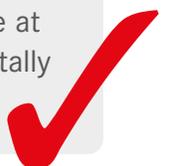
Losin OCB-O is recommended in particular for working methods with high turbulences.

Foam-test comparison Losin OCB and Losin OCB-O. Product usage quantities in the foam test: 1 g/l



Result

Losin OCB and Losin OCB-O have outstanding emulsifying and dissolving properties, are at the same time outstandingly biodegradable and therefore ensure reliable and environmentally compatible removal of preparations and oily contaminations.





Storage

Losin OCB

At proper storage in closed original packages, the product can be stored for at least 6 months.

Losin OCB-O

At proper storage below 50 °C in closed original packages, the product can be stored for at least 6 months. Storage at higher temperatures may lead to irreversible damage. Usability must be verified before use. Protect against direct sunlight.

For further notes on safe handling, see the safety data sheet!

The recommendations and information in word and text on our products here are based on comprehensive research work and correspond to our current experience from textile refinement. The information is deemed non-committal – also regarding property rights of third parties and foreign legal provisions – and shall not release the user from testing products and procedures for suitability for his use directly. In particular, we assume no liability for any purposes not expressly named by us in writing. We reserve technical changes in the scope of new product developments. We refer to our general sales and delivery conditions, item 7, in case of damage.

