

# Product Information

## Wet-End



**TANNESCO® CPR Liq - Capping, Pre- & Re- tanning agent based on a specially masked zirconium complex**

**Edition 2016**

### Features

TANNESCO® CPR Liq is a special, masked zirconium complex.

Charge: mildly cationic; will precipitate sensitive fatliquors, polymers and protein containing fillers.

Light fastness & resistance to yellowing: Very good.

Astringency: low, thus resulting in very good grain smoothness and tightness.

Stability to electrolytes: Very good.

Effect on leather colour:

Outstanding dyeability, promotes brilliant, intense shades.

Handling & storage:

Wear goggles and gloves during handling and close containers tightly afterwards.

Can be stored for about 1 year if protected from freezing conditions.

### Benefits / Positioning

Capping:

TANNESCO® CPR Liq is highly suitable as a chrome & zirconium sulfate replacement for the capping of waterproof articles; avoiding unwanted low pH values, high loading of chromium in the effluent and dull shades.

Pre-tanning:

TANNESCO® CPR Liq can be applied in the pre-tanning of small skins and lime split pelts. Small skins pre-tanned with TANNESCO® CPR Liq are snow-white and allow the production of white and brilliant dyed, washable and waterproof softy articles.

Re-tanning:

TANNESCO® CPR Liq is extremely suitable for retanning FOC and wet blue shoe and upholstery leathers. With its low astringency, the product imparts good grain-tightness & filling and also outstanding dyeability. In the retanning of white & pastel shoe upper leathers, TANNESCO® CPR Liq supports a short-nap, brilliant and intense shades and good fullness.

Regarding toxicological and ecological data see the safety data sheet of above product.

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**Application** Depending on the requested article, the following applications are recommended:

Retanning instead of chrome, and prior to neutralization.  
2.0 – 4.0% TANNESCO® CPR Liq for 40 – 60 minutes.

Capping agent for waterproof leathers.  
0.5 – 1.0% formic acid (85%)  
4.0 – 6.0% TANNESCO® CPR Liq  
Applied in two equal additions for 20 – 40 minutes (each addition).

Pre-tanning of pickled small skins:

70 %	water, 25°C		
8 %	common salt		
2 %	CORIPOL® DX 1202	10 min	Be° 7
2 %	SELLATAN® PA Liq	90 min	pH: 2.3
		BCG 100% yellow	
15 %	TANNESCO® CPR Liq	90 min.	pH: 3.2
		slowly over night	pH: 3.2
3 %	sodium formate	30 min	pH: 4.2
1 %	sodium bicarbonate	30 min	pH: 4.9
1 %	sodium bicarbonate	30 min	pH: 5.2
1 %	sodium bicarbonate	90 min	pH: 5.7

**Trade Form at 20 °C** clear liquid

**Appearance at 20 °C** colourless to yellowish liquid

**pH - Value (tel quel)** approx. 4

**Dry content (%)** approx. 36

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