

# Product Information

## Wet-End



Edition 2018

### TANNESCO® HN Liq – Lightfast, chromium-based retanning agent

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#### Features

**TANNESCO® HN Liq** is a chromium-based retanning agent, in liquid form.

**Charge:** Anionic.

**Light fastness & resistance to yellowing:** Very good.

**Astringency:** Very low, thus imparts excellent grain smoothness and fineness.

**Stability to electrolytes:** Very good, thus suitable for several process steps.

**Effect on leather colour:**

Promotes very good levelness, brilliancy & intensity to the dyeing.

**Handling & storage:**

Wear goggles and gloves during handling. ALWAYS STIR BEFORE USE and close containers tightly afterwards.

Can be stored for about 2 years if protected from frost and heat above 60°C.

Product exposed to the cold can form salt crystals. Bringing the product into a warm place (>20°C) and stirring, will re-dissolve the crystals.

#### Benefits

Retanning with **TANNESCO® HN Liq** completes the chrome tanning, thus different wet blue leathers can be largely standardized.

Besides improved dyeability of the leathers, this results in a considerably better batch-to-batch reproducibility.

Retanning with **TANNESCO® HN Liq** creates sites for binding both fatliquors and dyes, resulting in considerably improved softness, a fine smooth grain, along bright & intense shades.

Owing to its high electrolyte stability and mild astringency, **TANNESCO® HN Liq** is also suitable as a pretanning agent.

**TANNESCO® HN Liq** is extremely suitable for chroming wet white leathers. With its mild astringency, the product ensures a good chromium distribution within the leather, which is essential for good physical fastness properties, softness and good dyeability.

#### Application

In general, 2 - 4 % **TANNESCO® HN Liq** (calculated on the shaved weight) is applied prior to the neutralization step.

For pretanning, 1 - 2 % **TANNESCO® HN Liq** (calculated on the pelt weight) is applied after the pickle, and in the same bath.

For chroming wet white leathers, 2 - 6 % **TANNESCO® HN Liq** (calculated on the pelt weight) is applied in combination with other tanning agents.

**TANNESCO® HN Liq – Product characteristics**

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<b>Trade form at 20 °C</b>	liquid
<b>Colour at 20 °C</b>	dark green
<b>pH - value (1.5%)</b>	approx 3.0
<b>Content of Cr<sub>2</sub>O<sub>3</sub> (%)</b>	approx. 10

This information is for guidance only.  
A Product Specification is available on request.