

Product Information

Beamhouse/Wet-End



SELLATAN® PA Liq – Auxiliary For Low Salt Pickling & Dye Exhaustion

Edition 2009

Features

SELLATAN® PA Liq is based on modified polysulphonic acids.

Charge:
Anionic.

Electrolyte content:
Very low, thus minimal contribution to the effluent.

Handling:
SELLATAN® PA Liq is a strong acid and must be handled with the same care as for sulphuric acid. Wear goggles and gloves during handling and close containers tightly after use.

Storage stability:
Can be stored for about 1 year (from date of production). In any case, protect from frost.

Benefits

The major benefits of SELLATAN® PA Liq are:

- Allows for a reduction of the salt in pickling without changing the character of the article, thus leading to a major reduction of salt in the effluent.
- A reduction in the offer of chrome tanning agent and an improvement in the speed of its penetration and fixation.
- The quantity of basifying agent can also be reduced.
- Also applicable for chrome free tanning systems.
- Has a minor tanning effect and therefore allows pickling at slightly higher than normal temperatures.
- Imparts a noticeable improvement in tensile strength.
- Gradually lowers the pH to enhance the fixation of anionic chemicals at the end of the retanning process.

Application

SELLATAN® PA Liq is a low swelling acid that when used :

- in the pickle, it can replace both mineral and organic acids
- in the dyeing step, it can replace weak acids like formic acid

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

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Above data are based on the current state of knowledge. However, buyer is not released from his obligation to examine the material on receipt. Seller makes no warranty of merchantability or fitness for practical use or application

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Quantities of SELLATAN® PA Liq to be used as Pickle Acid:

As with normal pickle acids the required dosage of SELLATAN® PA Liq largely depends on the substance of the bated pelts, the targeted end pH of the pickle and the pickle running time.

Pickle for split hides:

20 – 30% cold water

2.0 – 3% salt

2.0 – 2.2% SELLATAN® PA Liq (in 2x) (1:5)

final pH ~ 3

Pickle for unsplit hides:

20 – 30% cold water

3.0% salt

0.5 % Na formate

2.5 – 2.7% SELLATAN® PA Liq (in 2x) (1:5)

final pH ~3

It is not advised to extend the pickle time overnight before adding chrome

Quantities of SELLATAN® PA Liq, to be used as alternative to formic acid in the dyeing process:

As with formic acid the required dosage of SELLATAN® PA liq. largely depends on the neutralisation and the retannage. However a replacement at 1:1 will achieve similar end pH's.

Appearance at 20°C	reddish brown liquid
Solid content (%)	approx. 65
pH – value (10%)	approx. 1

This information is for guidance only.

A Product Specification is available on request.

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