



## ORG TAN PFN

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**ORG TAN PFN** is an auxiliary for low salt pickling and dye exhaustion

<b>Aspect</b>	: Reddish brown liquid
<b>Basis</b>	: Modified poly sulphonic acids
<b>Concentration</b>	: 60 % Approx.
<b>pH</b>	: In 10% aqueous solution, Approx.1.00
<b>Solubility</b>	: Excellent
<b>Light fastness</b>	: Excellent

**Note:** Has very low electrolyte content, thus low effluent pollution. Has an advantage of easy feeding in to drums where the automation methods are adopted. ORGTAN PFN liq is strong acid, hence must be handled as sulfuric acid

### PROPERTIES:

#### Advantage

- When used in pickling allows the reduction of salt without changing the character of the article, therefore major reduction of salt in the effluent
- It reduces the offer of chrome tanning agents, with an improvement in penetration and fixation
- Can also be applied in chrome free tanning systems
- It also reduces the offer of basifying agents
- Also has minor tanning effect thus allows pickling at slightly higher temperature than normal temperature
- Imparts significant improvement in tensile strength
- when applied reduces the pH gradually hence enhances the fixation of anionic chemicals at the end of retanning process

### APPLICATIONS:

#### Pickle for split hides:

20 – 30%	cold water
2.0 – 3.0%	salt
2.0 – 3.0%	<b>ORG TAN PFN</b> in 2 lots - dilution 1:5

**final pH app 3.0**



## ORG TAN PFN

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### Pickle for unsplit hides:

- 20 – 30% cold water
- 3.0% salt
- 0.5 % Sodium formate
- 3.0 – 4.0% **ORG TAN PFN** in 2 lots - dilution 1:5

### final pH app 3.0

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

Quantities of **ORG TAN PFN**, to be used as alternative to formic acid in dyeing process Largely depends on the neutralization and the retannage. However a replacement of 1:1 will give similar end pH

### SHELF LIFE

Under dry and cool storage conditions, the product does not show any problem and has a shelf life of 1 year. Some slight sedimentation may appear if stored for prolonged time under warm conditions. But this does not affect either the solubility or the efficiency of the product. Product should be stir well before use

Technical suggestions without any obligation.