



SALASARTAN - PNG LIQ.

(Neutralising agent for the Leather industry)

Classification :

Synthetic tanning agent with neutralising and buffering properties

Properties:

- SALASARTAN – PNG LIQ. offers buffer system with a very uniform neutralising effect even at fairly low pH value, a feature that promotes grain tightness. The risk of excessive neutralisation is eliminated even with the addition of strongly alkaline neutralising agent as the system is well buffered and pH does not increase drastically.
- Forms complex salts with chrome tanning compounds. These complex salts then form chromium-protein complexes, which occupy a large space and thus produce leather of improved fullness. The affinity of the chromium complexes for the skin is so pronounced that the chromium salt solution is almost completely exhausted.
- Is light fast, improves dye penetration when used in the dye bath and gives level dyeing without weakening the dye intensity.
- Special effects can be obtained by incorporating larger quantities of PNG LIQ. e.g. in suede leathers for exceptional fullness and a very dense nap.

Characteristics :

Chemical Composition	: Blend of salt of aromatic sulphonic acids With buffering agents.
Appearance	: Reddish brown coloured clear liquid
pH (10% Dilution)	: 7.5 - 8.5
Concentration	: 45 ± 1%
Solubility	: Miscible in water

Applications:

- For neutralisation of shoe upper leather requires 2-3% PNG LIQ. on shaved weight.
- In compact process of cow upper 3-4% of PNG LIQ. on shaved weight can be used and leathers can be dyed and retanned in the same bath and fat liquored in a fresh float. Neutralising system based on PNG LIQ. minimises electrolytic build up, thus eliminating the need for washing before retanning and dyeing it gives simultaneous neutralising and retanning effects and ideally suited for the initiation of retanages. It has the ideal balance of neutralising, buffering, masking, dispersing and retanning properties.
- In shoe upper leather with heavy vegetable tanning PNG LIQ. can be used at intermediate stages, owing to its complexing and masking character. The astringency of reaction between the chrome leather and vegetable tanning extract is minimised, thus facilitating deeper penetration without harsh grain problem.
- Due to its buffering and complexing properties, it helps in basifying mineral tanning agents mildly and uniformly resulting in leathers having very fine grain light and uniform colour. Problems of coarse grain and surface precipitation of chrome associated with conventional basifying agents are avoided. It also helps to achieve increased area yield in the case of semi chrome suede leathers compared to conventional system.

Packing Available in: (Liquid) 50 Kgs. HDPE Drum

Disclaimer: The above information presented is for just basic guidance. We recommend that the prospective users determine the suitability of our materials and suggestions before adopting them on a commercial scale.