

## SYNTAN R-LF

Melaminic, Lightfast, Filling and Retanning Syntan.

### CHARACTERISTICS:

<b>Composition</b>	: Melamine Syntan Formaldehyde Free
<b>Appearance</b>	: Pale Colored Hygroscopic Powder
<b>Solid Content</b>	: 97 ± 1%
<b>Charge</b>	: Anionic
<b>pH (1 : 10)</b>	: 7.5 ± 0.5
<b>Solubility</b>	: Disperses Easily in Cold or Hot Water
<b>Light Fastness</b>	: Excellent
<b>Effect on Leather Color</b>	: Minimal
<b>Dye Bleaching Effect</b>	: Negligible
<b>Stability to Salts</b>	: Fairly Good
<b>Shelf Life</b>	: Twenty four months if stored in air tight container

**SYNTAN R-LF** is a lightfast retanning agent used mainly for its filling power. It selectively fills empty parts, like bellies and flanks, of the leather and produces a mellow and round handle.

The treated leathers show marked grain tightness. It retains the chrome leather character and at the same time improves the buffing and embossing properties of the leather.

Because of its low astringency the possibility of drawn grain or grain cracking as a result of over-tanning of grain by vegetable tannins is greatly reduced.

**SYNTAN R-LF** assists in level dyeing without having any bleaching effect on the dye shade and also helps in even distribution of fats. Its properties make it ideally suited for the production of Suede and Nubuck leather.

It improves the dry milling properties of the leather and confers a fine, even grain pattern.

### SUGGESTED APPLICATIONS:

The product is used in the retannage of hides and skins, generally in combination with other syntans or synthetic and vegetable tanning materials and can be added to the drum in undissolved state. It is, however, not compatible with aluminium tanning agents. Depending upon the leather type and its thickness, **SYNTAN R-LF** can be used any where between 2 - 5% calculated on the shaved weight of the leather.

The product should be used after the stock has been neutralized. Addition of **SYNTAN R-LF** in the retannage prior to adding vegetable tanning material produces better results as vegetable tannins get more evenly dispersed and exhausted.

Formaldehyde level of the leather should be checked and quantities be suitably adjusted to control the formaldehyde levels as per applicable safety regulations.

**Note :** Suggested formulations are only for guidance and necessary modifications must be made to achieve a particular result.