

## EMDIRENAL LT Powder

***Tanning and retanning agent based on basic aluminum chloride.***

### **Descriptive properties**

<b>Appearance</b>	: White fine powder
<b>pH (1:10)</b>	: App. 4,2
<b>Al<sub>2</sub>O<sub>3</sub></b>	: % 47,4 ± 1,0
<b>Ionicity</b>	: Cationic
<b>Solubility</b>	: App 600g/1000ml in water
<b>Storage</b>	: App. 2 years - dry storage-

Emdirenal LT powder is mainly used to obtain smooth, tight and fine grain. The product imparts fullness and leathers treated with become thinner. Dye shades are more brilliant and deeper.

Emdirenal LT powder is also recommended in retanning of vegetable tanned leathers to improve fixing of anionic materials.

When added to chrome tanning bath Emdirenal LT powder improves the selection of loosely structured raw materials. When added to chrome retanning bath, Emdirenal LT powder improves the buffing properties and the resulting leathers are tighter: fine and nice nap is assured.

Thanks to its basic character Emdirenal LT powder improves the fixation of anionic dyes and provides deeper and fuller shades with high light fastness.

### **Application recipes**

One can add the product undissolved. If to be dissolved it must be added to 6 to 8 times water at 30 - 40°C.

**In double-face production** it is recommended to add 0,5 - 2,5 g/l Emdirenal LT powder to chrome retanning bath 30 - 60 minutes before the chrome addition.

**In nubuk shoe upper production** we suggest 0,5 - 2,0 % Emdirenal LT powder addition together with the chrome in 2 or 3 portions.

**In garment suede production** we suggest 0,5 - 2,0 % Emdirenal LT powder addition together with the chrome in 2 or 3 portions.

**In loosely structured skins like New Zealand origin skins** we recommend 2,0 - 3,0 % Emdirenal LT powder together with the chrome.

### **Remarks**

Since the product is cationic its compatibility with the anionic fat liquors must be tested before use. The product is hygroscopic, once open the packing must be all time kept out of humidity.

### **Packaging**

20 kg in kraft bags.