

## EMDİRENAL DK-11 NEW

***Chrome masking and neutralizing agent based on complex active dicarboxylic acids.***

### **Descriptive properties**

|                              |  |
|------------------------------|--|
| <b>Appearance</b>            | : White, mixture of powder and flakes. |
| <b>pH (1:10)</b>             | : 6,0 - 7,0                            |
| <b>Concentration</b>         | : 96 - 98 %                            |
| <b>Self tanning capacity</b> | : Pronounced (good)                    |
| <b>Storage</b>               | : App. 2 years -dry storage-           |

Emdirenal DK-11 New has a very wide range of applications since it acts as a chrome masking agent in tannage with chromium salts and also as a lightfast retanning syntan in neutralization.

In chrome tanning, Emdirenal DK-11 New gives appreciably fuller (particularly in the looser portions of the skin) and mellow handle leather, better exhaustion of the chrome bath without over tanning of the grain (smoother grain with improved break is assured) and improved dyeing properties. Thanks to very good chrome fixation less chromium salt is removed during the rinsing and retanning of the shaved leathers.

In neutralizing, Emdirenal DK-11 New exhibits surprisingly effective penetrative action and promotes a more level dye and fat liquor distribution throughout the leather cross section. Since the product also acts as a masking agent it avoids uneven dyeing even in the looser parts. Its use in neutralization improves the vegetable tannin, acid dyestuff, anionic tanning material penetration and evens the difference of acidities of other products, thanks to its excellent buffering property.

We strongly recommend its use in both chrome tanning and neutralization especially for loosely structured leathers.

### **Application recipes**

In chrome tannage as a rule of thumb we recommend Emdirenal DK-11 New addition of 10,0 - 20,0 % of the total weight of basic chrome sulphate (basicity 33,0 %, Cr<sub>2</sub>O<sub>3</sub> 25 %) prior to the addition of chrome tanning material and drumming for 15 minutes.

In rechroming as a rule of thumb we recommend Emdirenal DK-11 New addition of 20,0 - 30,0 % of the total weight of basic chrome sulphate (basicity 33 %, Cr<sub>2</sub>O<sub>3</sub> 25 %) together with the chrome tanning material.

In neutralization we suggest adding 1,5 - 2,0% Emdirenal DK-11 New to the normal alkali (bicarbonate or formate).

### **Remarks**

We suggest direct addition to the bath without dissolving.

### **Packaging**

25 kg in kraft bags.