

BERCAL S

HIGH PERFORMANCE LIQUID DELIMING PRODUCT

CHEMICAL COMPOSITION

Combination of organic acids and masking products

CHARACTERISTICS

<i>Appearance:</i>	<i>limpid amber coloured liquid</i>
<i>pH in solution at 10%:</i>	<i>2,5 – 3</i>

PROPERTIES

Thanks to its composition of organic acids and masking products **BERCAL S** has buffering qualities and consequently it acts in a non aggressive way on the pelt. Deliming the skins with **BERCAL S** you have the following advantages: after the addition of **BERCAL S** into the delimiting bath, the pH is not suddenly lowered, avoiding so the swelling of the grain and consequent damages to finished leather that you can often notice using normal delimiting products.

BERCAL S is practically achromic and therefore it can be used for working on white leather or light coloured ones. So you can see that, after bating, the pelts treated with **BERCAL S** remain light in colour. **BERCAL S** has a masking effect that allows to obtain a finished skin with a firmer grain; characteristics appreciated by those tanneries that produce full grain.

USAGE METHOD

For the dosages of **BERCAL S** we can give only general indications because it depends on the quality of the skin and on the desired delimiting.

Anyway we can sum up as following:

It is used from 0,8% to 1,2% for light skins.

It is used from 1,2% to 2% for heavy skins.

In most cases, you don't use only once the dosage of **BERCAL S** but you begin the delimiting with 1/2 or 2/3 of the quantity of calculated delimiting product. You let the drum turn for 20-25 minutes and then you add the rest of **BERCAL S** together with bate. With the described system you have the advantage that the enzyme finds a pelt already destroyed and so it acts in a more moderate way on the grain. The quantity of **BERCAL S** shall be calculated so that the bath, at the end of bating, has a pH of 8 - 8,2.

In the bating of calf skins it is advisable to keep the pH between 7,5 and 8 in order to avoid an excessive bating of the grain. In order to obtain such pH, you have to add continuously small dosages of **BERCAL S** for all the duration of the bating as pH regulator. At the end of the bating, you wash the skins controlling that the bath temperature doesn't undergo lowerings that can cause the grain roughing. The delimiting product **BERCAL S** has been studied and created specifically not to pollute the water; in fact the organic acids present in the delimiting agent are highly buffered.