

## DEFETCAL DK-29

***Deliming agent and pickling acid with special features based on aliphatic dicarboxylic acids and non swelling inorganic and aromatic acid salts. Its use in deliming accelerates the process and improves grain strength, when used in pickling it enhances the chrome uptake.***

### Descriptive properties

<b>Appearance</b>	: White powder
<b>pH (1:10)</b>	: 2,0 - 3,0
<b>Concentration</b>	: > 96 %
<b>Storage</b>	: App. 2 years - dry storage-

Defetcal DK-29 has a very wide range of applications. As a deliming agent it accelerates the deliming process and improves grain strength, as a pickling acid it enhances the chrome uptake.

In deliming, by a rapid and uniform thorough deliming Defetcal DK-29 removes lime blasts and chemically bound lime without causing any damage to the grain. Smooth and finely grained pelts with very good dyeing properties are obtained.

By its addition to the pickling bath Defetcal DK-29 gives appreciably fuller and mellow handle leather. Thanks to very good chrome fixation less chromium salt is removed during the rinsing and retanning of the shaved leathers. Due to its special features a standardization procedure\* is being set out to overcome uneven dyeing of different origin wet blues.

### Application recipes

Defetcal DK-29 can be used alone or combined with other deliming agents on split or unsplit pelts. It may be added to the drum either diluted or in powder form. The processing time is dependent upon the type and thickness of pelts and the quality requested. We recommend Defetcal Dk-29 addition prior to any ammonium sulphate addition if the later is being used.

1.0-2.0 % for **sheep skins**

1.0-2.5 % for **bovine hides**

0.8-1.6 % for **goat skins**

### Standardization procedure for wet blues of different sources or parties:

<b>Washing:</b>	% 200	40°C	Water		
	+ % 1,0		<b>Defetcal DK-29</b>		
	+ % 0,2		Formic acid →	60' Run.	Drain.
<b>Washing:</b>	% 200	40°C	Water	10' Wash.	Drain
<b>Retanning:</b>	% 200	40°C	Water		
(chrome)	+ % 1,0		<b>Emdirenal DK-11</b>	10'	
	+ % 4,0		Tankrom AB (Kromsan)	40'	
	+ % 0,5		Sodium Formate	30' + O/N	pH 3,8 - 4,0 Drain.

### Remarks

We do not recommend deliming above 40°C

### Packaging

25 kg in kraft bags.

The information given in this technical leaflet is offered in good faith and is based upon our knowledge and experience of the products used. The suitability of the products mentioned to obtain specific properties or effects are given without obligation or guarantee and should be fully tested by the end user and adapted to suit prevailing works conditions or other products which may be employed.