EMDIRENAL PAL

Polyaldehyde with masked aldehyde groups. The product consists of 100% active material and does not cause any yellowing neither on wool nor on grain. Improves softness, chrome exhaustion, chrome fixation, increases shrinkage temperature, gives high perspiration resistance, dye shades are fuller and brilliant.

Descriptive properties

Appearance	:	Clear to pale yellow liquid
pH (10 % solution)	:	9,0 - 10,0
Freezing point	:	0°C
Density	:	1,06 g/cm^3
Storage	:	Minimum 1 year - dry storage, in not freezing condition-

Emdirenal PAL is a polyaldehyde with masked aldehyde groups which can be used as a pretanning and retanning agent.

When used in pretanning Emdirenal PAL tanning liquors (vegetable, chrome, zirconium or semi-chrome) penetrate in a more uniform and rapid action and fuller and softer leathers are obtained. When used after tanning the resulting leathers will show firmer, smoother grain with good fullness.

By the use of Emdirenal PAL heat and light fastness of the final articles are neatly improved.

Emdirenal PAL is completely compatible with mineral, vegetable and synthetic tannins.

Emdirenal PAL does not cause yellowing of neither the leather nor the wool.

Application recipes
In pretanning of pickled stock: 1,0 - 2,5 % based on pickled weight
In vegetable tanning to improve shrinking temperature 2,0 - 5,0 %
In retanning to improve softness and fullness, during rechroming 2,0 %
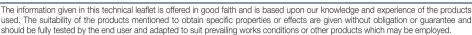
Remarks
Sensible to frost: protect from freezing conditions.
Emdirenal PAL is completely water-soluble.
The product undergoes an irreversible reaction over a wide pH range with the leather substance however the highest reactivity and fixation is obtained in the upper pH range, while the product has better penetration under the acid conditions. As with upper pH range, the increase of the temperature will also increase reactivity and fixation.

Packaging
25 kg in polypropylene drums.

Certified to:
ISO 9001: 2015
ISO 14001: 2015
ISO 45001: 2018

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