

LEATHER AUXILIARIES

SUPRALAN ON

A multipurpose product



ZSCHIMMER & SCHWARZ

SUPRALAN ON

A multipurpose product for leather and fur

The main objective of every tanner is to achieve a constantly high leather quality. Due in part to the globalised trade market, there are large differences in the quality of raw hides and skins originating from different parts of the world. This poses a major challenge. In order to face these challenges, we have developed SUPRALAN ON, a versatile product which can be used in different stages of leather production to ensure a consistently high leather quality.

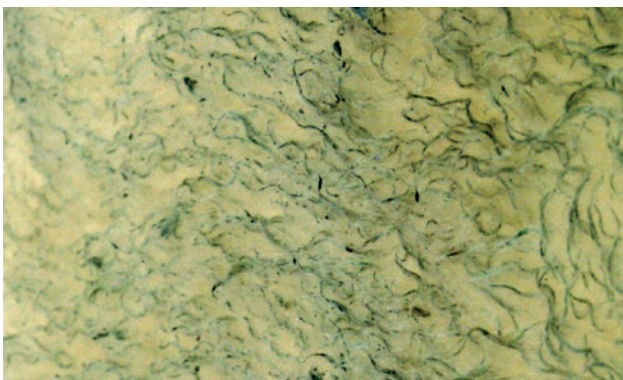
BENEFITS

- ▶ Excellent soaking agent for time-saving rewetting of wet blue
 - ▶ High emulsifying capacity, improved fat distribution within the leather
 - ▶ Improved leather softness due to high stabilising capacity
 - ▶ 100% biodegradable, free of nonyl-phenol and AOX
 - ▶ Improved wool sheepskin assortment due to prevention of green tips
 - ▶ No adverse effects on fogging values
 - ▶ Excellent value for money
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ACHIEVE BETTER SHEEPSKIN SORTING RESULTS WITH SUPRALAN ON

During the processing of sheep skin after chrome tanning, the frequent occurrence of so-called green-tipped skins deteriorates the assortment considerably. SUPRALAN ON counteracts this effect and allows even those skins which already show green tips to become clean again and ready for the dyeing process.

before use of SUPRALAN ON



after use of SUPRALAN ON



SUPRALAN ON AS A SOAKING AND DEGREASING AGENT

The unique combination of active substances within SUPRALAN ON guarantees an excellent soaking effect. After only a short period of time, the hides and skins are opened up completely. By removing the surplus of natural fats, SUPRALAN ON ensures that the effects of other auxiliaries are not impaired throughout the following process steps. Even in case of excessively and unfavourably stored raw material, SUPRALAN ON will show its capabilities.

SUPRALAN ON AS AN EMULSIFYING AGENT

In various parts of the leather production process, the existence of natural fats within the fibrous structure may lead to visible defects in the final product. SUPRALAN ON's high emulsifying capacity enables an optimised and even distribution of natural fats. This helps to avoid the formation of metallic soaps which can have a negative effect on all subsequent process steps. Consequently, other process chemicals are able to perform more efficiently.

SUPRALAN ON AS A WETTING AUXILIARY

Wetting of the skins and hides is substantially improved by using SUPRALAN ON. Overstored wet blue and pickled skins which have partly dried or developed storage creases can be rewetted easily and quickly. SUPRALAN ON allows for the desired results without any defects during and after the process. To meet this target, SUPRALAN ON is best used either on its own or in a combination with fatliquors. This helps to avoid uneven dyeing results due to storage creases or dried edges.

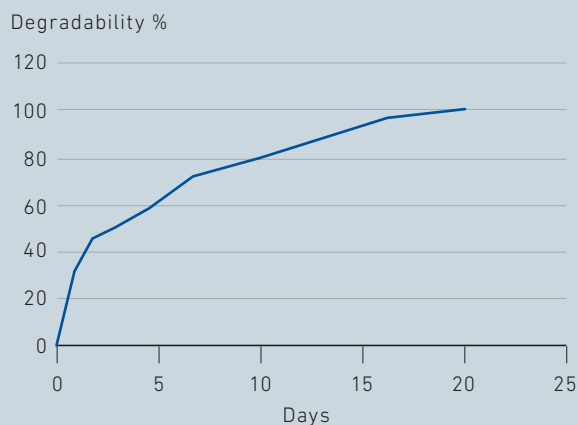
SUPRALAN ON AS A STABILISING AUXILIARY

SUPRALAN ON's excellent stabilising capacity leads to a strongly improved distribution of fats within the leather. This improves the softness and tear resistance of the leather considerably. Even combinations of fatliquoring agents which tend to be unstable are stabilised by the use of SUPRALAN ON, which helps to decrease the occurrence of spots and uneven dyeing results.

IMPROVEMENT OF EFFLUENT TREATMENT / ECOLOGICAL ASPECTS

SUPRALAN ON is easily biodegradable, contains no nonyl-phenoles according to EU-legislation and additionally complies with the challenging demands of the detergents directive (EC) 648/2004, as shown by the following data:

COD value : 460 mg O₂/g
BOD value: 303 mg O₂/g after 5 days
Biodegradability: 74% after 7 days
100% after 20 days



The diagram shows the biodegradability of SUPRALAN ON

SUPRALAN ON contains no nonyl-phenoles (NPEO) and is therefore in conformance with EC-directive 2003/53/EG (18 June 2003). Additionally, SUPRALAN ON is free of halorganic compounds (AOX).



Chemistry tailor-made

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