

LEATHER AUXILIARIES

# SUPRALAN ON

A multi-purpose product



ZSCHIMMER & SCHWARZ

# SUPRALAN ON

A multi-purpose product for leather and fur

The main objective of every tanner is to achieve a constant high quality of leather. A major challenge here are the tremendous differences that occur in today's raw hide and skin qualities. This is only worsened by the fact that goods, whether they are wet blue or raw hides, are traded globally. In order to face these challenges we have developed SUPRALAN ON, a versatile product which can be used in different stages of leather production while ensuring an evenly high quality of leather.

---

## BENEFITS

- ▶ Excellent soaking agent, time-saving rewetting of wet-blue
  - ▶ High emulsifying capacity, improved fat distribution within the leather
  - ▶ Improved leather softness due to high stabilizing capacity
  - ▶ 100% biodegradable, nonyl-phenol and AOX-free
  - ▶ Improved wool sheepskin assortment due to non-occurrence of green tips
  - ▶ No adverse effects on fogging values
  - ▶ Excellent value for money
- 

## SUPRALAN ON TO ACHIEVE BETTER SHEEPSKIN SORTING RESULTS

After chrome tanning during the processing of sheepskin the frequent occurrence of so-called green tipped skins can deteriorate the assortment considerably. SUPRALAN ON counteracts this effect allowing even skins already showing 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 WETTING AUXILIARY

Wetting of the skins and hides is improved substantially with 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 fat liquors. This helps to avoid uneven dyeing results due to storage creases or dried edges.

### SUPRALAN ON FOR IMPROVING EFFLUENT TREATMENT DATA / 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 can be seen by the following data:

COD-Value :	460 mg O <sub>2</sub> /g
BOD-Value:	303 mg O <sub>2</sub> /g after 5 days
Biodegradability:	74 % after 7 days
	100 % after 20 days

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



The diagram shows the biodegradability 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 with excessively and unfavourably stored raw material SUPRALAN ON will show its capabilities.

### SUPRALAN ON AS AN EMULSIFYING AGENT

In various parts of the production process of leather 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 optimized and even

distribution of natural fats. This helps to avoid the formation of metallic soaps which can influence all subsequent process steps negatively. Consequently other process chemicals are able to perform more efficiently.

### SUPRALAN ON AS A STABILIZING AUXILIARY

SUPRALAN ON's excellent stabilizing 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 fat liquoring agents which tend to be unstable are stabilised by the use of SUPRALAN ON helping to decrease the occurrence of spots and uneven dyeing results.



**Chemistry tailor-made**

► **Zschimmer & Schwarz**  
GmbH & Co KG  
Chemische Fabriken  
Max-Schwarz-Straße 3-5  
56112 Lahnstein | DE  
T +49 2621 12-173 | F +49 2621 12-526  
leather@zschimmer-schwarz.com  
zschimmer-schwarz.com