

LEATHER AUXILIARIES

# BEAMHOUSE SYSTEMS

Products and technology



ZSCHIMMER & SCHWARZ

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## SURFACTANTS

### **SUPRALAN 809 | Degreasing agent for leathers with excessive natural fat**

- ▶ Excellent wetting and dispersing effect
- ▶ Effective soaking and degreasing of all kinds of raw materials
- ▶ No additional solvents needed
- ▶ Environmentally friendly

### **SUPRALAN ON | Low-foaming soaking and liming agent**

- ▶ Combination of highly effective wetting and washing agents
- ▶ Accelerates soaking and liming process
- ▶ Excellent results at short soaking times
- ▶ Outstanding dispersing and dissolving effect
- ▶ Fully biodegradable

### **SUPRALAN TY | Low-foaming soaking, liming and degreasing agent**

- ▶ Very effective soaking and degreasing of all raw materials
- ▶ Excellent wetting and dispersing effect
- ▶ Exceptionally efficient in emulsifying natural fats
- ▶ Solvent-free, biodegradable

## SOAKING AUXILIARIES

### **ACTIVOL MO | Soaking agent based on inorganic oxides**

- ▶ Shortens the soaking time
- ▶ No additional soda needed
- ▶ Reduced use of surfactants
- ▶ No increase of BOD5 and COD values

## LIMING AUXILIARIES

### **ACTIVOL AS | Combination of proteases and hydrotropic substances**

- ▶ Helps to remove non- and low structured proteins
- ▶ Supports penetration of liming products
- ▶ Emulsifies natural fats
- ▶ Removes blood even from fresh hides

### **ACTIVOL AW | Nitrogen and thio compounds**

- ▶ Fast loosening of scud
- ▶ Improved cleanliness and relaxation of grain
- ▶ Avoids excessive swelling of the grain
- ▶ Increase of yield and quality

## DELIMING AUXILIARIES

### **ACTIVOL AC | Complex builder to avoid lime-blast**

- ▶ Reliable prevention of lime blast
- ▶ Clear, clean pelts
- ▶ Faster CO<sub>2</sub> deliming

### **ACTIVOL DAN | Deliming agent based on organic and inorganic acid salts**

- ▶ In-depth neutralization of the pelts
- ▶ Results in fine and scud free pelts
- ▶ Gypseous sediments are avoided

## PICKLE/TANNING

### **DOLATAN MG | Basification agent for chrome and other mineral tanning**

- ▶ Prevention of pH jumps
- ▶ Fine grain pattern
- ▶ Very good distribution of chromium in leather cross-section
- ▶ Excellent chrome exhaustion

### **NOALTAN AG | Aldehyde containing tanning agent**

- ▶ Even diffusion and binding of the subsequent tanning agent
- ▶ Enhanced softness and fullness
- ▶ Improved dyeability regarding levelness and brilliancy
- ▶ Shrinkage temperature of approx. 75°C

### **PELGRASSOL LP | Electrolyte stable synthetic fatliquoring agent**

- ▶ Excellent electrolyte stability and light fastness
- ▶ Even penetration of cross-section
- ▶ Improvement of grain elasticity
- ▶ Excellent float exhaustion
- ▶ Facilitated samming and shaving

### **PRINOL CRC | Prefatliquor for automotive leathers**

- ▶ Improved emission values (fogging, VOC and FOG)
- ▶ Accelerated, more even absorption of chemicals
- ▶ Very good float exhaustion and low extractability
- ▶ High grain elasticity of the leather
- ▶ Excellent light fastness/heat yellowing fastness of the leather

### **TAFIGAL P | Auxiliary for improved fullness and grain tightness**

- ▶ Reduces wrinkles
- ▶ Better grain tightness
- ▶ Better yield of the cutting area

## OTHER AUXILIARIES

### **MORTANOL 30 | Preservative for hides, skins and leathers**

- ▶ Highly effective preservative for all kinds of leather

### **ZETESLIP ECS | Slipping agent for leather production**

- ▶ Reduces friction
- ▶ Prevents knots, entanglement and grain rubbing
- ▶ Improves unloading of the hides

## "LEATHER IS MADE IN THE BEAMHOUSE"

Anyway, the days are gone when just base chemicals were used for beamhouse processing. Today, raw hides and skins originating from different parts of the world may lead to great variations in the quality of the wet-blue or wet-white. In addition to this, local environmental legislation and commercial aspects require made-to-measure solutions.

Achieving the best result from the material available with the lowest possible waste water load on the environment is the target.

Zschimmer & Schwarz is known globally for being the most innovative leather auxiliaries producer with the highest quality and excellent services. In addition to the wet-end products we are now supplying specialities for beamhouse applications. These products complement the known base chemicals in order to achieve the required outcome.

At Zschimmer & Schwarz, we set the benchmark not only for products with low environmental impact but also in safe product handling, and always in pursuit of our motto: CHEMISTRY TAILOR-MADE



**Chemistry tailor-made**

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