

# TRUPOTAN<sup>®</sup> SGL

## special tanning agent

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|--------------------|--|
| Basis:             | condensation of aryl sulphonic acid and hydroxyaryl sulphone |
| Appearance:        | brown fluid  |
| Charge:            | anionic  |
| Active matter:     | approx. 50 %   |
| pH value (1 : 10): | approx. 2  |
| Light fastness:    | excellent  |
| Heat yellowing:    | good   |

### **Properties:**

**TRUPOTAN SGL** is a special acidic tanning agent which may be used in different process steps.

**TRUPOTAN SGL** can be used in the production of shrunken grain leather with an extremely fine and even grain pattern across the complete hide surface.

**TRUPOTAN SGL** improves the buffing properties which results in a fine and short nap.

**TRUPOTAN SGL** can support the fixation of fatliquors, re-tanning agents and dyestuffs.

**TRUPOTAN SGL** acts as a strong dispersing agent to vegetable tanning agents and can be therefore used in the pre-tan of a vegetable tanning.

**TRUPOTAN SGL** improves fullness, and if used in the right process step can also improve fineness and grain tightness.

**TRUPOTAN SGL** has bleaching properties and is suitable for the re-tanning of white and pastel dyed leathers.

## **Application:**

Tanning agent for shrunken grain:

**TRUPOTAN SGL** should be applied into a short float after bating or de-pickling the pelts.

The pH of the pelt should be adjusted to approx. 7.0 - 8.0 to obtain optimum effects.

The shrunken grain pattern to be achieved depends upon several factors: opening up, quantity to be applied, thickness of pelt and water content of pelt.

A good opening up results in a more even shrunken grain.

Generally 8 - 15 % **TRUPOTAN SGL**, based on pelt weight, should be offered. Higher quantities will lead to a more pronounced effect. Thin pelts will tend to produce a less pronounced shrinkage effect. Low water contents will lead to finer and more pronounced even grain patterns.

Dispersing agent:

In a vegetable re-tanning process 2 – 5 % **TRUPOTAN SGL** is applied 30 minutes before adding the vegetable tanning agent to disperse better the vegetable tannins.

Fixation:

An addition of 2 – 5 % **TRUPOTAN SGL** will improve the fixation of fatliquors and dyestuffs. The quantity of formic acid can be reduced.

Re-tanning agent:

Depending on the raw material a finer and tighter grain with improved fullness can be produced when 4 - 8 % **TRUPOTAN SGL** is applied prior, or during the neutralisation process.

## **Safety and storage:**

When handling **TRUPOTAN SGL**, normal safety precautions associated with the handling of chemicals should be observed. For more specific details please refer to our safety data sheets.

**TRUPOTAN SGL** can be stored for up to 24 months, if temperatures below 5 °C and above 40 °C can be avoided. On prolonged storage or extremes of temperature **TRUPOTAN SGL** may exhibit some settlement which can be rectified by either warming and/or stirring the product thoroughly before use.