

TRUPOTAN[®] SGL

special tanning agent

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.