

TRUPOTAN[®] DAR

polymeric dispersing and buffering agent

| | |
|-------------------|-----------------------|
| Basis: | acrylic polymer |
| Appearance: | yellow viscous liquid |
| Charge: | anionic |
| Active matter: | approx. 34 % |
| pH value(1 : 10): | approx. 7 |
| Light fastness: | excellent |
| Heat yellowing: | excellent |

Properties:

TRUPOTAN DAR is a specially designed low molecular weight polymer with outstanding dispersing and buffering properties.

TRUPOTAN DAR is water-soluble in any proportion. Solutions are colourless and stable throughout a wide pH range.

TRUPOTAN DAR shows high light and heat yellowing fastness. Dyeings with anionic dyestuffs are only very slightly affected.

Thanks to its buffering and dispersing effect, **TRUPOTAN DAR** helps to obtain a more regular pH value in the cross-section during the neutralisation process. This will result in better levelling and dyestuff penetration as well as an enhanced distribution of fatliquors and retanning agents.

As a fatliquoring auxiliary, **TRUPOTAN DAR** acts as a dispersing and stabilising agent for emulsions when working in critical conditions (hard water, salty water, etc.), improving penetration and distribution of the fatliquors.

TRUPOTAN DAR used both in the neutralisation or fatliquoring process does not affect the waterproofing properties of the leather.

Leathers neutralised together with **TRUPOTAN DAR** show enhanced penetration and improved levelling during the dyeing process with anionic dyestuffs.

In the production of white shoe upper, both on grain or splits, **TRUPOTAN DAR** shows a high dispersing effect on titanium dioxide, giving superior whiteness with the same quantity of pigment.

Application:

During neutralisation 1.5 - 3.0 %, based on shaved weight.

During fatliquoring 0.5 - 1.5 %, based on shaved weight.

Drum impregnation with white pigment 2.0 - 3.0 % **TRUPOTAN DAR** (based on shaved weight) pre-mixed with 1.0 - 2.0 % titanium dioxide.

Safety and storage:

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

TRUPOTAN DAR can be stored for up to 18 months, if temperatures below 5 °C and above 40 °C can be avoided. On prolonged storage or extremes of temperature **TRUPOTAN DAR** may exhibit some settlement which can be rectified by either warming and/or stirring the product thoroughly before use.