

# TRUPOTAN<sup>®</sup> 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.