

# TRUPOTAN<sup>®</sup> BIO-05L

modified biopolymer

|                   |  |
|-------------------|--|
| Basis:            | modified biopolymer with high molecular weight |
| Appearance:       | viscous amber liquid                           |
| Charge:           | amphoteric                                     |
| pH value(1 : 10): | approx. 4                                      |
| Light fastness:   | excellent                                      |
| Heat yellowing:   | excellent                                      |

## Properties:

**TRUPOTAN BIO-05L** is a natural-based biopolymer suitable for the production of a wide range of articles, but especially for split, suede and nubuck leathers.

**TRUPOTAN BIO-05L** is free of formaldehyde, phenols and chrome.

**TRUPOTAN BIO-05L** allows, due to its amphoteric character, to produce really different effects on leather simply by adjusting application parameters (pH, temperature, ionic charge).

**TRUPOTAN BIO-05L** produces leather with exceptional buffing properties and provides a short, compact and more evenly nap.

**TRUPOTAN BIO-05L** improves the dye-ability.

**TRUPOTAN BIO-05L** has no negative influence on waterproofing articles.

**TRUPOTAN BIO-05L** is compatible with most retanning agents and fatliquors used in the leather processing. But it is always recommendable to check stability when using **TRUPOTAN BIO-05L** together with vegetable extracts in the same bath and especially at low pH values.

### **Application:**

**TRUPOTAN BIO-05L** can be applied in the neutralisation process as well as in the retanning process.

The applied quantity depends on the requested effect and article, it normally varies between 2 – 8%, based on shaved weight (splits: 4 – 8%; bovine nubuck and grain leather: 2 – 4% in the neutralization). Higher dosages will result in firmer leathers.

### **Safety and storage:**

When handling **TRUPOTAN BIO-05L**, normal safety precautions associated with the handling of chemicals should be observed. For more specific details please refer to our safety data sheets.

**TRUPOTAN BIO-05L** 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 BIO-05L** may exhibit some settlement which can be rectified by either warming and/or stirring the product thoroughly before use.