

# TRUPOSILK<sup>®</sup> MXF

## universal micro-emulsion fatliquor

Basis:	micro-emulsion of natural and synthetic softening components
Appearance:	yellow paste
Charge:	anionic
Active matter:	approx. 50 %
pH value(1 : 10):	approx. 7.5
Acid stability:	excellent
Salt stability:	excellent
Chrome stability:	excellent
Light fastness:	excellent
Heat yellowing:	good

### Properties:

**TRUPOSILK MXF** marks a major breakthrough in fatliquoring technology, thus facilitating exceptional softening properties to be achieved in a wide range of leathers. **TRUPOSILK MXF** is based on environmentally friendly, readily renewable raw materials and is free from fish oil and solvent based components.

The micro-emulsion technology utilised in the manufacture of **TRUPOSILK MXF** ensures that even penetration and distribution of the softening components is achieved throughout the cross section of the leather. In addition high exhaustion and fixation rates from the fatliquoring bath allows very low COD levels in waste water to be realised.

Optimisation of the fatliquoring process, along with greatly improved cost effectivity, is therefore ensured. Leathers fatliquored with **TRUPOSILK MXF** exhibit remarkable softness and lightness coupled with a kind mellow handle. When used in the production of upholstery and garment leathers **TRUPOSILK MXF** will confer inner softness and roundness without danger of the leather becoming loose and empty.

**TRUPOSILK MXF** can be utilised to good effect in the production of suede splits and pigskin clothing leathers, where it's unique properties assist in providing deep penetration of the softening components even into the hard shell areas.

When used in the fatliquoring of shoe upper leathers **TRUPOSILK MXF** will greatly enhance the softness of the leather without danger of looseness, bleaching or inadequately lubricated grain characteristics.

### **Application:**

**TRUPOSILK MXF** can be added directly to the drum without the need to pre-emulsify the product.

The inherent emulsion stability of **TRUPOSILK MXF** allows its use in both rechroming and neutralisation baths, where it will assist in re-hydration and opening up of the substrate whilst protecting leathers with a sensitive grain.

**TRUPOSILK MXF** can be used alone or in combination with other anionic fatliquors, quantities to be used will depend upon the effect and degree of softness required but will normally vary between 6 - 16%, based upon shaved weight.

When used in rechroming or neutralisation 1 - 2 % based on shaved weight should be utilised.

### **Safety and storage:**

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

**TRUPOSILK MXF** can be stored for up to 12 months, if temperatures below 5 °C and above 40 °C can be avoided. On prolonged storage or extremes of temperature **TRUPOSILK MXF** may exhibit some settlement which can be rectified by either warming and/or stirring the product thoroughly before use.