

# LIONSOFT LN-40

## **COMPOSITION:**

A blend of bisulfited natural oil and lecithin oil with an excellent emulsification system

## **SPECIFICATIONS**

Appearance	Amber Liquid
Activity	92% ( $\pm 2$ )
Charge	Anionic
Density (Lb/Gal)	8.0 ( $\pm 0.2$ )
pH (10% Solution)	6.0 – 8.0
Storage Stability	1 Year at Room Temperature Optimum storage temperature is between 15°C and 30°C.
Freeze/Thaw Stability	Not Sensitive to Freezing. After freezing heat to 25°C to 30°C and mix well until homogeneous.
Lightfastness	Good
Electrolyte Stability	Good
Emulsification	Mix before use. Readily soluble in warm water. Emulsify 1:6 at 50°C to 60°C

## **KEY PROPERTIES:**

Lionsoft LN-40 is normally used in making soft leathers such as upholstery, garment, and milled shoe upper leathers

- An excellent penetrating oil and co-product with other fatliquors.
- Excellent stability in Chrome retanning and hard water applications.
- Imparts excellent tensile strength.
- Aids in penetration and softening action of other fatliquors.
- .Excellent softness with a smooth, rich handle.

## **APPLICATIONS:**

All percentages based on Blue Shaved Weight

Prefat	1-2% Lionsoft LN-40 with Neutralization
Retanning	1-2% Lionsoft LN-40 with Chrome Retan
Milled, Pebbled Grain Leathers	6-10% Lionsoft LN-40
Full Grain Nappa Leathers	4% Lionsoft SF-1400 with 2 - 4% Lionsoft LN-40 and 3% Lionol SC-L-35
Sheep, Goat and Calf Leathers	3% Lionsoft LN-40 with 4-6% Lionol AF-15