

## COMPOSITION:

A medium blown, bisulfited fish oil .

## SPECIFICATIONS

Appearance	Amber Liquid
Activity	84% (± 2)
Charge	Anionic
Density (Lb/Gal)	8.0 (± 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	Very Good
Emulsification	Mix before use. Readily soluble in warm water. Emulsify 1:4 at 30°C to 60°C

## KEY PROPERTIES:

Lionsoft SF-1400 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 when used in retan.
- Other activities available: Lionsoft SF-1200 (88%), Lionsoft SF-100 (80%).

## APPLICATIONS:

All percentages based on Blue Shaved Weight / Relevant Hide Weight.

Pickle	0.5% - 1.0% Lionsoft SF-1400
Prefat	1-2% with Neutralization
Retanning	1-2% Lionsoft SF-1400 with Chrome Retan 2-4% Lionsoft SF-1400 with Vegetable Retan
Milled, Pebbled Grain Leathers	6-8% Lionsoft SF-1400 with 6-8% Lionol SF-50-P
Furniture Upholstery Leathers	12-14% Lionsoft SF-1400 with 6-8% Lionol 96-S
Full Grain Nappa Leathers	4% Lionsoft SF-1400 with 2% Lionol LN-151 and 3% Lionol SC-L-35
Sheep, Goat and Calf Leathers	3% Lionsoft SF-1400 with 4-6% Lionol AF-15