

# LIONFILL FWN

## **COMPOSITION:**

Lionfill FWN is digested liquid protein filler.

## **SPECIFICATIONS**

Appearance	Dark Brown Paste
Activity	50% ( $\pm 2$ )
Charge	Anionic
Density (Lb/Gal)	8.0 ( $\pm 0.2$ )
pH (10% Solution)	6.5 – 7.5
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 1:4 at 40°C to 60°C

## **KEY PROPERTIES:**

Lionfill FWN is a protein based filler which does an excellent job of filling the looser areas of the leather without excessive firmness. Lionfill FWN will also improve the properties of all dye and retan chemicals applied after the Lionfill FWN (i.e. dye, waterproofing, retanning and fatliquoring).

- Excellent selective filling of Loose Fiber Areas.
- Excellent Filling Action While Maintaining Overall Softness.
- Highly Recommended for All Soft Leathers Including Upholstery, Garment, and Nappa Leathers.
- Excellent Milling Properties.
- Produces good to excellent finishing properties on the leather

## **APPLICATIONS:**

All percentages based on Blue Shaved Weight

Retanning	4 – 6% Lionfill FWN with Chrome Retan 4 – 6% Lionfill FWN with Vegetable Retan
Milled Grain Leathers	4 - 8% Lionfill FWN
Furniture Upholstery Leathers	4 - 8% Lionfill FWN
Full Grain Nappa Leathers	4 - 8% Lionfill FWN
Sheep, Goat and Calf Leathers	4 - 6% Lionfill FWN