

**COMPOSITION:**

A cationic topping and stuffing wax blend made from natural and petroleum based components.

**SPECIFICATIONS**

Appearance	White Paste
Activity	50% ( $\pm 2$ )
Charge	Cationic
Density (Lb/Gal)	7.8 ( $\pm 0.2$ )
pH (10% Solution)	4.0 – 5.0
Storage Stability	1 Year at room temperature Optimum storage temperature is between 15°C and 30°C.
Freeze/Thaw Stability	Sensitive to Freezing. Do not store below 5°C.
Lightfastness	Good
Electrolyte Stability	Good
Emulsification	Mix before use. Readily soluble in warm water. Mix 1:1 with warm water until homogeneous Emulsify to 1:4 at 30°C to 60°C

**KEY PROPERTIES:**

Lioncat 49 is used as a topping oil to achieve a rich, waxy surface feel and to accomplish plate release during drying. In larger amounts it is used as a stuffing wax to make Pull-Up and Semi Stuffed leathers

- Imparts a Waxy feel to the leather surface.
- Excellent plate release during drying.
- Develops Stuffed Leathers at Higher Concentrations.

**APPLICATIONS:**

All percentages based on Blue Shaved Weight

Topping oil for surface feel	1.0%-2.0% at end of formulation
Plate Release	2.0% - 4.0% at end of formulation
Milled, Pebbled Grain Leathers	1.0% - 2.0% Lioncat 49
Furniture Upholstery Leathers	1.0% - 2.0% Lioncat 49
Full Grain Nappa Leathers	0.5% - 2.0% Lioncat 49
Sheep, Goat and Calf Leathers	1.0% - 2.0% Lioncat 49
Deerskin Gloving	1.0% - 2.0% Lioncat 49 Based on Crust Weight