

# Tannin™ Has It. LIONOL SULFATED COD

tannincorp.com

## COMPOSITION

A medium sulfated fish oil.

## SPECIFICATIONS

Appearance	Dark amber liquid
Activity	75% ( $\pm 2$ )
Charge	Anionic
Density (Lb/Gal)	8.2 ( $\pm 0.2$ )
pH (10% Solution)	6.0 – 8.0
Storage Stability	One 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	Fair
Electrolyte Stability	Fair
Emulsification	Mix before use. Readily soluble in warm water. Emulsify 1:4 at 50°C to 60°C.

## KEY PROPERTIES

LIONOL SULFATED COD is a co-product for use in shoe upper leathers and vegetable tanned leathers.

- Promotes soft leathers and tight grain
- Excellent fiber lubrication and tear strength
- Excellent for vegetable tanned leather

## APPLICATIONS

Recommended usage is 4% to 8%.



Tannin Corporation  
65 Walnut Street  
Peabody, MA 01960, USA  
Phone: +1.978.532.4010  
Fax: +1.978.532.5536  
sales@tannincorp.com

Tannin Mexico S.A. de C.V.  
Blvd. San Crispin 130  
Fracc. Ind. San Crispin  
Leon, Gto. 37527, Mexico  
teléfono: +52.477.770.9499  
tanninmex@terra.com.mx

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