

# POPTAN LDP

**Levelling Agent with slight tanning properties; dispersing agent for vegetable tannins.**

POPTAN LDP is versatile in application.

- In dyeing as levelling and lightening agent for anionic dyes, especially suitable for medium to pastel shades.
- For the fixation of cationic dyes and fatliquors.
- As dispersing agent for vegetable tannins and in retannages with anionic and nonionic resin tannins. Promotes the penetration and distribution of the tannin while simultaneously improving the dyeability and penetration.

## **PROPERTIES:**

**Appearance** : *Very light, yellowish-brown powder, readily soluble in water.*

**Chemical Character** : Sodium Salt of an aromatic sulphonic acid, anionic.

**Active Ingredients** : 96%

**pH of 10% solution** : 7-8

## **Application :**

- **Dyeing pale and pastel shades with anionic dyes :**

POPTAN LDP is used here as a levelling and brightening agent. It is added at the beginning of the dyeing about 10 minutes before the dye is added, either dissolved in a 1:5 ratio or in powder form. It can also be added directly together with the dye, in which case the dyeing is lightened somewhat less.

Amounts :	POPTAN LDP
Medium to pale shades	0.2-1%
Pastel shades	1-3%
	On the shaved weight.

- **Fixation of cationic dyes and fat liquors :**

Additional fixation of dyeings or topplings with cationic dyes and cationic fatliquors can be obtained by an aftertreatment with POPTAN LDP. It is added to the exhausted dyeing or fatliquoring bath.

Amounts : 0.5-1% POPTAN LDP on shaved weight.

- **Vegetable tanning :**

POPTAN LDP disperses the vegetable tannin , largely prevents the formation of undesired sludge and speeds up the through – tanning process.

Amounts in drum tanning : 2-10% POPTAN LDP based on the amount of Vegetable tannin.

- **In retannages :**

POPTAN LDP is added as a dispersing and levelling agent to retannages with vegetable tannins as well as anionic and nonionic resin tannins; the penetration of the retanning agents thereby becomes more uniform and the grain remains more elastic.  
Amounts : 5-30% POPTAN LDP based on the retanning agent.

**STORAGE STABILITY:**

Virtually unlimited, if frozen. Ensure it is stored dry and opened containers are tightly closed.

**HANDLING PRECAUTIONS:**

The eyes and respiratory tracts should be protected against contact with the product as it has a strong irritating effect on the mucous membranes.