



PRODUCT LITERATURE

PARAKOL-LTW (LIQ)

Product Information

Parakol-LTW (LIQ) is a low temperature washing off agent. It is suitable for cotton substrate dyed with reactive dyestuff. It is suitable in soft flow machine (low liquor machines), package dyeing machine, cabinet dyeing machine, jigger and other garment dyeing machines. It works effectively at lower temperature 70 deg.C. It ensures easy removal of hydrolysed reactive dyes and prevents re-deposition thereby improving overall fastness properties

Key Features & Benefits

Key Features	Benefits
Works at 70 deg.C	- Reduces energy and time consumption
No sequestering property	- Does not complex with the dyestuff - No re-deposition
Product is Non ionic in nature	- Does not interfere in the subsequent processing - Does not affect the handfeel of the treated substrates

General Characteristics

Physical appearance	Pale yellow clear liquid
Ionic nature	Non ionic
pH of 1% solution	4 +/- 1
Miscibility	Miscible with water
Compatibility	Compatible with anionic, cationic and nonionic products
Stability	Stable to dilute acids and dilute alkalies

Application

- After dyeing bath, drain
- Cold wash for 10 min. Drain
- Warm wash at 50 deg.C for 10 min. Drain
- Neutralize with Acetic acid. Make bath pH 6-7, 70 deg.C, 10 min. Drain.
- Treat with 1.5% Parakol-LTW (LIQ) at 75 deg.C, 15-20 min. Drain
- Treat with 1.5% Parakol-LTW (LIQ) at 75 deg.C, 15-20 min. Drain (For medium and very dark shades)
- Warm wash at 60 deg.C for 10 min. and drain.
- Cold wash for 10 min. and drain.
- Cold wash for 10 min. and drain.



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For Light and Medium shades :

% Shade	Recommended dosage of Parakol-LTW (LIQ)
Up to 1.5%	1% - Single soaping
1.5-3%	1.25% - 1st Soaping 1% - 2nd Soaping
3-4%	1.5% - 1st Soaping 1% - 2nd Soaping
4-6%	1.5% - 1st Soaping 1.25% - 2nd Soaping
Above 6%	1.5% - Twice soaping

For Dark shades

Reactive dyes viz., Dark Red, Maroon, Orange, Turquoise Blue etc. 4% and above 4% shade - twice soaping with 1.5% Parakol-LTW (LIQ) is recommended

Note:

- For package dyeing, the soaping should be carried out for minimum two cycles (2 in-out cycles & 2 out-in cycles)
- Product has a tendency to build-up pressure hence advisable to utilize it immediately.

Precautions

Storage	Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg c. Close lids firmly to avoid contact with air and moisture.
Shelf Life	9 months from the date of manufacturing, if stored under controlled conditions.