

QUICKWET KNITZ LIQUID

A versatile high concentrate low foaming wetting and scouring agent suitable for discontinuous and continuous bleaching operations

CONSTITUTION	Blend of nonionic surfactants
APPEARANCE	Clear liquid
IONICITY	Nonionic
MISCIBILITY	Miscible in water
COMPATIBILITY	Compatible with mild alkali, acid, anionics & nonionics.

HIGHLIGHTS	<ul style="list-style-type: none"> • High efficacy at lower dosages • APEO free • Excellent oil and wax emulsifying properties • High wetting action coupled with detergent properties • Suitable in enzymatic desizing • Suitable for jet, soft flows and drum washing machines as a scouring and wetting agent
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APPLICATION	<p>A good wetting agents/detergents used in the pretreatment should have good emulsifying properties to ensure the removal of oils and fats from the textile material. The emulsifying effect of the auxiliary is essential for removing knitting oils and spin finishes from the fabric. Non-foaming wetting agents / detergents are necessary for bleaching in machines with a high liquor turbulence, e.g. jet dyeing machines.</p> <p>Quickwet Knitz Liquid removes size degradation products and emulsifies oils and fats. It is a non foaming product hence suitable for high turbulence machines such as JET, soft flow, winch and package machine.</p> <p>Also suitable for continuous bleaching machines and other pad application.</p>
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GUIDELINES	<p>1. ENZYMATIC DESIZING - LONG LIQUOR MACHINE</p> <p>1.1 WARM</p> <table border="0" style="margin-left: 20px;"> <tr> <td>Quicklase HCH Liquid</td> <td>1.0-2.0 %</td> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">}</td> <td rowspan="2" style="vertical-align: middle;">pH: 5.0-6.0 55-60 C for 30-45 min</td> </tr> <tr> <td>Quickwet Knitz Liquid</td> <td>0.5-1.0 gms/lit</td> </tr> </table>	Quicklase HCH Liquid	1.0-2.0 %	}	pH: 5.0-6.0 55-60 C for 30-45 min	Quickwet Knitz Liquid	0.5-1.0 gms/lit
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Quickwet Knitz Liquid	0.5-1.0 gms/lit						

Quickfix Chemicals

1.3 PAD BATCH

Quicklase HCH Liquid 2.0-5.0 gms/lit
Quickwet Knitz Liquid 2.0-5.0 gms/lit

pH: 5.0-6.0
 Pad at 30-40 °C &
 Batch at RT for 4-
 8 hours
 Pick up: 80-100 %

*Note: Addition of Quick PE-R Liquid -
 1.0-2.0 gms/lit may be recommended for
 heavy metal chelation*

1.4 CONTINUOUS - PAD STEAM

Quicklase HCH Liquid 3.0-5.0 gms/lit
Quickwet Knitz Liquid 1.0-2.0 gms/lit

pH: 6.5-8.0
 Pad at 30-40 °C
 Steam at 90-
 110 °C for 1-2
 mins
 Pick up: 80-100 %

*Note: Addition of Quick PE-R Liquid –
 1.0-2.0 gms/lit may be recommended.*

2. SCOURING

2.1 WINCH/JET

Caustic soda flakes 1.5-2.0 %
 Quick PE-R Liquid 0.5-1.0 %
Quickwet Knitz Liquid 0.3-0.7 %
 Quicklube HML Liquid 1.0-2.0 %

95 °C for 30-45
 mins

2.2 CABINET / PACKAGE

Caustic soda Flakes 1.5-2.0 %
 Quick PE-R Liquid 0.5-1.0%
Quickwet Knitz Liquid 0.5-1.0 %
 Quickwet PDG Liquid 0.3-0.5 %

95 °C for 30 - 45 min

2.3 CONTINUOUS - PAD STEAM

Caustic soda Flakes 30-40 gms/kg
 Quick PE-R Liquid 1.0-2.0 gms/kg
Quickwet Knitz Liquid 2.0-4.0 gms/kg

Pad Temperature: 60 °C
 Pick up: 100-120 % (wet on wet)
 Steaming temperature: 100 °C
 Treatment time: 10-20 mins

3. DISCONTINUOUS

READY TO DYE

Caustic soda Flakes 2.5-3.0 %
 H₂O₂ (50%) 1.0-3.0%
 Quicklube HML Liquid 1.0-2.0 %
Quickwet Knitz Liquid 0.3-0.7 %
 Quickstab REV Liquid 0.1-0.3 %

95 °C for 40-60 mins