

TEXAWET ECO is particularly suitable for the use in desizing, scouring and bleaching

PRODUCT FEATURES

- ◆ extraordinary wetting and emulsifying effect at all temperature ranges
 - ◆ very good dispersing power
 - ◆ the product is APEO/NPEO free
 - ◆ imparts high absorbency and a maximum degree of whiteness
 - ◆ good compatibility with enzymatic desizing liquors
 - ◆ can be used for boiling off and kier-boiling
 - ◆ suitable for all bleaching processes
 - ◆ stable and fully effective in caustic soda solution up to 15 °Bé in moving liquors up to solutions of 15 – 20 °Bé
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COMPOSITION

Synergetic blend of surfactants

TYPICAL PROPERTIES

Ionic nature	non-ionic
Appearance	colourless
Consistency	viscous liquid

APPLICATION

Dissolving method TEXAWET ECO is dissolved in a ratio of 1:2 – 1:4 with warm water (50 °C) under stirring with a slow moving stirrer. Direct steam should not be used.

Guide recipes

(cotton piece goods)

Desizing

Impregnation on a roller vat

2.0 - 5.0 g/l TEXAZYME LP
3.0 - 6.0 g/l TEXAWET ECO

impregnation : 70 °C
pick-up : 100%
batching time : 6 hours

washing off on an open-width washer at high temperature
(90 – 95 °C)

Scouring

on a jigger

2.0 - 4.0 g/l TEXAWET ECO
1.0 - 2.0 g/l TEXAQUEST HEP
10.0 - 25.0 g/l NaOH, 100%

temperature : 98 °C
liquor ratio : 1:3 to 1:7
batching time : 1 – 2 hours

on a pad-roll systems

2.0 - 4.0 g/l TEXAWET ECO
1.0 - 2.0 cc/l TEXAQUEST HEP
20.0 - 40.0 g/l NaOH, 100%

impregnation temperature: 60 – 80 °C
pick-up : 100%
steaming : 2 – 3 hours
batching temperature : 90 – 100 °C

on a roller steamer

3.0 - 6.0 g/l TEXAWET ECO
1.0 - 2.0 cc/l TEXAQUEST HEP
40.0 - 60.0 g/l NaOH, 100%

impregnation : 60 – 80 °C
pick-up : 100%
steaming : 1 – 3 minutes at 100 °C saturated steam

on a roller-bed steamer

2.0	-	4.0	g/l	TEXAWET ECO
1.0	-	2.0	g/l	TEXAQUEST HEP
30.0	-	40.0	g/l	NaOH, 100%

impregnation temperature: 60 – 80 °C
pick-up : 100%
steaming : 7–20 minutes at 100°C saturated steam

on a J-Box in rope foam

2.0	-	4.0	g/l	TEXAWET ECO
1.0	-	2.0	g/l	TEXAQUEST HEP
15.0	-	30.0	g/l	NaOH, 100%

impregnation temperature: 60 – 80 °C
pick-up : 100%
steaming : 1–2 hours at 95 – 100 °C

Bleaching

on cheeses

0.5	-	1.0	g/l	TEXAWET ECO
1.0	-	2.0	g/l	STABITEX BST LIQ
0.5	-	1.0	g/l	TEXAQUEST HEP
1.0	-	1.8	g/l	NaOH, 100%
3.0	-	6.0	cc/l	hydrogen peroxide, 35%

liquor ratio : 1:10
bleaching time : 45 minutes at 98 °C or
20 minutes at 120 °C

on a jigger

1.0	g/l	TEXAWET ECO
3.0 - 5.0	g/l	STABITEX BST LIQ
0.5	g/l	TEXAQUEST HEP
1.0 - 1.5	g/l	NaOH, 100%
4.0 - 10.0	ml/l	hydrogen peroxide 35%

liquor ratio : 1:3 to 1:7
batching time : 1 hour at 80 – 90 °C

cold pad batch

0.1	-	0.2	g/l	magnesium sulfate (in case of soft water)
12.0	-	15.0	cc/l	sodium silicate 38 °Bé
12.0	-	20.0	g/l	NaOH, 100%
6.0	-	8.0	g/l	TEXAWET ECO
		2.0	g/l	TEXAQUEST HEP
3.0	-	5.0	g/l	sodium persulfate (in case of starch size)
40.0	-	60.0	cc/l	hydrogen peroxide 35%

impregnation : at room temperature
pick-up : 100%
batching time : 16 – 24 hours

on a roller steamer

0.1 - 0.2 g/l magnesium sulfate (in case of soft water)
12.0 - 15.0 cc/l sodium silicate 38 °Bé
8.0 - 15.0 g/l NaOH, 100%
1.0 - 2.0 g/l TEXAWET ECO
2.0 g/l TEXAQUEST HEP
35.0 - 50.0 cc/l hydrogen peroxide 35%

impregnation : at room temperature
pick-up : 100%
batching time : 1–3 minutes at 100 °C saturated steam

on a roller-bed steamer

0.1 - 0.2 g/l magnesium sulfate (in case of soft water)
12.0 - 15.0 cc/l sodium silicate 38 °Bé
3.0 - 5.0 g/l NaOH, 100%
1.0 - 2.0 g/l TEXAWET ECO
2.0 g/l TEXAQUEST HEP
25.0 - 40.0 cc/l hydrogen peroxide 35%

impregnation : at room temperature
pick-up : 90 – 100%
batching time : 7–20 minutes at 100 °C saturated steam

HANDLING AND STORAGE

Storage stability at least 12 months

Storage and transport Thermally stable

Product change at temperatures ABOVE (°C) possible + 35
And below (°C) – 10
Change reversible by stirring

Further remarks References to measure in case of accidents and fires as well as further information about ecology, toxicology, transport and storage are given in the separate Material Safety Data Sheet.

