

## FELOSAN HLD N

<b>Characterization</b>	Low foaming wetting and washing agent for application in pretreatment
<b>Chemical Structure</b>	Fatty alcohol ethoxylate
<b>Supplied Form</b>	Colourless, clear liquid
<b>Ionic Character</b>	Non-ionic
<b>pH-Value of 10% Solution</b>	5.7 – 8.5
<b>Specific weight at 20°C</b>	Approx. 1.0
<b>Stability</b>	FELOSAN HLD N is very stable to the usual concentrations of acids, alkalis, and hardening agents of water.  FELOSAN HLD N is sensitive to frost.
<b>Storage</b>	In a cool and dry place in well closed, original containers. We recommend not to exceed a storage time of 12 months.

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## Properties

FELOSAN HLD N has an excellent wetting capacity and good washing properties. The product has very good emulsifying capacity for oil and thus is suitable for the elimination of oil and fat soilings.

FELOSAN HLD N can be used in all pretreatment processes.

## Application technique

### Diluting Instructions

FELOSAN HLD N can be diluted with cold water at every ratio.

### Application fields

FELOSAN HLD N is appropriate for wetting and precleaning all types of fibres. Due to its good wetting property, the product makes the exhaustion of fabric better in the washing machine. It is suitable for scouring processes as well as alkali washing and bleaching processes.

## Recipe proposals

In the discontinuous range application amounts of

1.0 - 2.0 g/l	FELOSAN HLD N
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are normally sufficient, whereas in continuous processes the application amounts should be

5.0 - 10.0 g/l	FELOSAN HLD N
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### Recipe example for discontinuous pretreatment processes

0.5 – 1.0 g/l	CONTAVAN GAL
1.0 - 2.0 g/l	FELOSAN HLD N
1.5 – 2.0 g/l	NaOH 100 %
1.5 – 3.0 g/l	H <sub>2</sub> O <sub>2</sub> 50 % for pretreatment of colour fabric
6.0 – 8.0 g/l	H <sub>2</sub> O <sub>2</sub> 50 % for full white
0.3 – 0.6 %	TUBOBLANC HA liq

### Recipe examples for continuous pretreatment:

#### Cold bleach

6.0 – 10.0 g/l	CONTAVAN GAL
5.0 – 10.0 g/l	FELOSAN HLD N
10.0 – 30.0 g/l	NaOH 100 %
20.0 – 60.0 ml/l	H <sub>2</sub> O <sub>2</sub> 50 %
0.0 – 5.0 g/l	Sodium persulphate

#### Pad-steam-bleach

6.0 – 10.0 g/l	CONTAVAN GAL
5.0 – 10.0 g/l	FELOSAN HLD N
10.0 – 20.0 g/l	NaOH 100 %
20.0 – 40.0 ml/l	H <sub>2</sub> O <sub>2</sub> 50 %

**We reserve the right to modify the product and technical leaflet.**

**Our department for applied technique is always at your service for further information and advice.**

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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