
SUBITOL ASD NEW

Characterization	Low foaming washing and wetting agent
Chemical Structure	Modified fatty alcohol ethoxylate
Appearance	Colourless liquid
Ionic Character	Non-ionic
pH Value	6.0 – 8.0
Specific Weight at 20 °C	Approx. 1.0
Stabilities	<p>SUBITOL ASD NEW is well stable to acids, alkalis and metal salts as well as to oxidation and reduction agents, and to hardening substances of water in the usual industrial concentrations.</p> <p>Furthermore, the product is compatible with non ionic, anionic and cationic products.</p> <p>The product is not sensitive to frost.</p>
Storage	The product will hold for at least 12 months if stored properly in original containers.

Properties

SUBITOL ASD NEW not only has good washing and cleaning properties but also an excellent emulsifying dissolving power of fats and oils as well as a good wetting power. The product is universally suitable for all type of fibres.

SUBITOL ASD NEW is adjusted very low foaming so that it can be applied on washing machines and discontinuous dyeing machines with high turbulences.

The product can be applied on automatic dosage plants where chemicals and textile auxiliaries can be transported in one pipeline one after the other, and where an intermediate rinsing with water is carried out.

Application technique

Diluting instruction

SUBITOL ASD NEW is miscible at any ratio with cold water up to 30 °C. Because of its composition the product keeps a low viscosity in all mixing ratios and does not have any gel phase.

Application fields

As SUBITOL ASD NEW has a very high emulsifying and detergency power as well as a good wetting power, the product is excellently suitable for application in discontinuous and continuous washing and bleaching processes. If the product is applied in very alkaline continuous bleaching and scouring processes, the bath stability has to be tested before. The application quantities of SUBITOL ASD NEW vary in dependence of the big number of application fields and of the degree of soiling of the textile goods.

The preferred application fields of SUBITOL ASD NEW are rapid, discontinuous jet machines and continuous washing machines with high speeds of incoming liquors and on which the bath is circulated through nozzles which cause disturbing foam formation with conventional detergent formulations due to their construction.

1. Desize

Because SUBITOL ASD NEW is compatible with enzymatic desize agents (bacteria preparations and pancrease amylases), it is suitable for the application in an enzymatic desize process, as wetting agent and to emulsify size fats. In addition to that its application allows for elimination of synthetic size agents.

a) Discontinuous desize

0.5 – 2.0 g/l SUBITOL ASD NEW

b) Continuous desize

3.0 – 6.0 g/l SUBITOL ASD NEW

2. Peroxide bleach

The product can be applied with success as well in bleaching processes. Depending on the degree of soiling, the following application quantities are recommended:

a) Discontinuous bleaching procedure:

0.5 – 2.0 g/l SUBITOL ASD NEW

b) Continuous bleaching procedure:

3.0 – 10.0 g/l SUBITOL ASD NEW

3. Prewashing of natural and synthetic fibres and their mixtures

Depending on the degree of soiling and the liquor ratio, we recommend the following application quantities.

a) Discontinuous washing:

0.5 – 4.0 g/l SUBITOL ASD NEW

b) Continuous washing:

0.5 – 10.0 g/l SUBITOL ASD NEW

Recipe example for a discontinuous peroxide bleach

0.5 – 1.0 g/l CONTAVAN GAL
0.5 – 2.0 g/l SUBITOL ASD NEW
1.5 – 2.0 g/l NaOH 100%
1.5 – 3.0 g/l H₂O₂ 50% for colour pretreatment

6.0 – 8.0 g/l H₂O₂ 50% for full white
0.3 – 0.6 % TUBOBLANC HA

Recipe example for a continuous peroxide bleach (pad-steam)

3.0 – 8.0 ml/kg CONTAVAN GAL
3.0 – 6.0 ml/kg SUBITOL ASD NEW
10.0 – 20.0 g/kg NaOH 100%
15.0 – 40.0 ml/kg H₂O₂ 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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