

FIMIBIL HOF

Detergents –wetting-emulsifier in over flow –jet

Composition Ether –oxides sulphates

Typical data

Appearance yellowish ,limped liquid

Density at 20 °C.....1.01 g/l

Ionic charge anionic –nonionic

pH 10g/l solution10.5

physical-chemical properties

appearance of the solution.... Opalescent

stability to hard water..... very good up to 20 °dH

stability to pH variations..... Very good from pH 3 to pH 13

stability in caustic soda..... max, 30 cc/l caustic soda 36° Be

foaming power at 25 °C none

storage condition Very good in normal room conditions for 12 months

FIMIBIL HOF is a non-foaming wetting agent –detergent particularly suitable in the alkaline scouring -bleaching of cotton knitted fabrics in overflow –jet

FIMIBIL HOF also imparts a very good emulsifying action on paraffin wax substances and dispersing effect on water –insoluble soaps and organic /inorganic salts

preparation of the solution

FIMIBIL HOF is a fluid liquid ,easy to dose and to dilute in cold water

Preparation of mother solution need a stirring before use

Application fields

Amount to be used generally vary from 1.5 to 3 g/l FIMIBIL HOF

Herunder we report an example , which is valed for cotton knitted fabric in bleaching with peroxide , in over flow with goods / bath ratio : About 1/8 and speed of 100-120 mt/min.:

Prepare the bath at 40 °C ,containing 2 g/l FIMIBIL HOF
Load the material to be bleached

Then add in this order :

Product PSA.....10 %
On hydrogen peroxide weigh

Hydrogen peroxide 130 vol..... ..4-6 cc/l

Caustic soda 36 ° Be 3 cc/l

Eventual optical brightener as is

Heat at 90 -95 °C for 40 -45 min

Rinse at warm and at cold