



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

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## PRODUCT LITERATURE

### QUENCH-APY

#### Product Information

Quench-APY is a low foaming product to prevent phenolic yellowing of lycra, polyamide, polyester, cotton and their blends during storage, packed in polyethylene bags or cardboard cartons. Quench-APY prevents phenolic yellowing on different substrates in presence of conventional softeners. Quench-APY can be applied by padding and by exhaust method.

#### Key Features & Benefits

##### Key Features

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Prevents phenolic yellowing

Versatile

##### Benefits

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Prevents shade change or yellowing caused by packaging materials or Nitrogen Oxide exposure

Can be applied by exhaust and padding

#### General Characteristics

Physical appearance : Yellow to reddish brown viscous liquid  
Ionic nature : Anionic  
pH of 1% solution : 7 +/- 1  
Miscibility : Miscible with water  
Compatibility : Compatible with anionic and nonionic products  
Stability : Stable to dilute acids and dilute alkalies

#### Application

##### Padding Process:

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Dosage : 20-80 g/l, Cotton, Polyamide and Polyamide / Lycra  
(depending on requirement)  
: 10-20 g/l, Polyester  
Pick-up : 65-70%  
Bath pH : 4.0-4.5  
Drying : 140-160 deg.C, 1-2 min.

##### Exhaust Process:

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Dosage : 3-7%, Cotton, Polyamide and Polyamide / Lycra



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: 1-2%, Polyester  
Bath pH : 4.0-4.5  
Bath Temp.: 65-70 deg.C  
Time : 20-30 mins.

#### Instructions For Dilution

Procedure to prepare 30% Quench-APY

- Take 36.5 parts of Quench-APY
- To this, add 63.5 parts DM water under constant stirring at 150-200 rpm.
- Continue stirring for 20-30 mins.to obtain homogenous product

Preservation: It is recommended to add 0.1% Bronopol (2-bromo 2-nitropropane-1,3 diol) or Methyl Paraben (methyl para hydroxy benzoate) as an antimicrobial agent to avoid fungal/microbial growth.

Note:

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- For 50% Quench-APY take 61 parts product and 39 parts DM water
- Dilution procedure will remain same as above

#### Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature should not exceed 35 deg C.Close lids firmly to avoid contact with air and moisture.

Shelf Life : 8 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]  
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