



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

Phone +91 22 42184218 Fax +91 22 42184350

Email tcmtkg@sarex.com URL www.sarex.com

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

Prevents phenolic yellowing

Versatile

Benefits

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:

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
: 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:

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

It is advisable to utilize the diluted product within 2 months. Stir well before use.

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 : 9 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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