



Sarex Chemicals

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

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PRODUCT LITERATURE

AQUAFINISH-158 (CONC)

Product Information

Aquafinish-158 (Conc) is a new generation hydrophilic macro polysiloxane which gives extra-ordinary smooth surface touch. It can be applied by exhaust as well by padding method. It is suitable for terry towels, knits and woven fabric. Finishing with Aquafinish-158 (Conc) leads to soft and hydrophilic finish.

Aquafinish-158 (Conc) is shear stable and hence suitable in jets, soft flow and garment washing machines.

Key Features & Benefits

Key Features -----	Benefit -----
Shear stable	Suitable for jets, soft flow machines and garment washing machines
Versatile	Extra-ordinary surface smoothness for all types of fabric

General Characteristics

Physical appearance	: Pale yellow to yellow translucent pourable viscous liquid
Ionic nature	: Nonionic to weakly cationic
pH of 1% solution	: 5 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with cationic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

Application

Padding Process -----	Exhaust Process -----
Dosage : 5-15 g/l	Dosage : 0.5-1.5%
Pick-up : 65-70%	Bath pH : 5.5-6.0
Bath pH : 5.0-6.0	Bath Temp : 30-40 deg.C
Drying : 130-160 deg.C	Time : 20-30 mins.



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Note:- pH of bath should not exceed 6.5 (pH of bath should be acidic)

Instructions For Dilution

Procedure to prepare 25% Aquafinish-158 (Conc)

- Take 42 parts of Aquafinish-158 (Conc) in stainless steel vessel
- To this add 58 parts of DM water
- Stir at 2000-2500 rpm till homogenous product is obtained
- Adjust the product pH 5.0 +/- 0.5 with dilute acetic acid if required.
- Undissolved particles if any can be filtered off.

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.

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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