

QX-705

-Low Foaming Wetting/Scouring Agent

QX-705 has strong penetrating ability and emulsifying/dispersing ability and can be applied to Polyester, Nylon, Cotton, Rayon and their blends. It is an alkali resistant wetting/scouring agent, which exhibits especially excellent efficiency even on Micro or thick high density fabric as well as general fabric.

◆ SPECIFICATION

* APPEARANCE	Yellowish Liquid
* pH (1% aq. Sol'n)	7.0 ± 1.0
* SP.GR(at 25°C)	1.05 ± 0.05
* SOLUBILITY	Easily soluble in cold water.
* STORAGE STABILITY	Min. 1 year under cool and dry conditions when stored in original sealed, packaging.
* COMPATABILITY	Compatible with anionic and nonionic materials.

◆ FEATURES

- 1) **QX-705** prevents a phenomenon of redeposition, because **QX-705** can penetrate deeply into fiber-cells by its strong wetting ability and remove them by emulsifying/dispersing or solubilizing weaving oil and various stains.
- 2) **QX-705** causes very little a phenomenon of gum up by alkali because **QX-705** has good alkali resistance.
- 3) **QX-705** is applicable to continuous scouring machine as well as a regular scouring process
- 4) It is environmental-friendly product as APEO-free and NPEO-free.

◆ **APPLICATION FIBERS** Cotton, Rayon, Polyester, Nylon, T/C, T/R, N/P, N/C, Acryl, Silk, etc.

◆ **HOW TO USE** Recommended use levels are 0.5-1 g/l according to kinds, density, thickness and types of fibers.

- Low-foaming Wetting/Scouring Agent



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◆ RECOMMENDED RECIPE

1. Alkali scouring of Cotton and T/C goods

1) Winch or Jigger Scouring

- 98% NaOH : 2 g/l
- **QX-705** : 0.5 g/l
- **TS-CN** : 0.5-1 g/l
- Scouring conditions : Scouring for 60 min at 100°C.
- Washing conditions : Washing hot and then cold.
- Bath ratio : Winch (1:20), Jigger(1:4)

2) Kier-boiling Scouring

- 98% NaOH : 2 g/l
- **QX-705** : 0.5 g/l
- **TS-CN** : 1 g/l
- Scouring conditions : Scouring for 60 min at 100°C
- Washing conditions : Washing hot and then cold.
- Bath ratio : 1:7~1:8

3) Continuous Scouring

- 98% NaOH : 50-70 g/l
- **QX-705** : 0.5~1 g/l
- **TS-CN** : 1 g/l
- Scouring conditions : 30-50 m/min at 100°C

2. One bath scouring/bleaching of Cotton and T/C goods

1) Winch Scouring

- 35% H₂O₂ : 5-10 g/l
- 98% NaOH : 2 g/l
- **QX-705** : 0.5 g/l
- **TS-CN** : 0.5-1 g/l
- **CAMINOLX** : 2-4 g/l
- Scouring conditions : Scouring for 30~60 min at 95-100°C.
- Washing conditions : Washing hot and then cold.
- Bath ratio : 1:7~1:8



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◆ RECOMMENDED RECIPE

2) Jigger Scouring

- 35% H₂O₂ : 10-20 g/l
- 98% NaOH : 2 g/l
- **QX-705** : 0.5 g/l
- **TS-CN** : 0.5-1 g/l
- **CAMINOLX** : 4-5 g/l
- Scouring conditions : 4 Cycles at 95-100°C
- Washing conditions : Washing hot and then cold.
- Bath ratio : 1:7~1:8

3) Continuous Scouring

- 35% H₂O₂ : 20-30 g/l
- 98% NaOH : 3-4 g/l
- **QX-705** : 0.5~1 g/l
- **TS-CN** : 1-2 g/l
- **CAMINOLX** : 5-6g/l
- Scouring conditions : 30-50 m/min at 95~100°C
- Washing conditions : Washing hot and then cold.

3. Continuous bleaching of desized cotton goods

- 98% NaOH : 10-15 g/l
- 35% H₂O₂ : 30-50 g/l
- **CAMINOLX** : 6-10g/l
- **QX-705** : 0.5 g/l
- Scouring conditions : Steaming for 5-20 min.
- Washing conditions : Washing hot and then cold.



◆ RECOMMENDED RECIPE

4. C.P.B recipe for 100% cotton goods

- 98% NaOH : 35 g/l
- 35% H₂O₂ : 60-80 g/l
- **CAMINOLX** : 8-12g/l
- **QX-705** : 5~10 g/l
- **TS-CN** : 1-2 g/l
- Pick Up : 90%
- Padding temperature : 25°C
- Batching time : 18-24 hours

5. The method to remove finishing oils

- Na₂CO₃ : 2-3 g/l
- **QX-705** : 2-3 g/l
- Scouring conditions : Scouring for 30-60 min at 80-95°C
- Washing conditions : Washing hot and then cold.

◆ PACKAGE

120 Kgs NET IN DRUMS.



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