

According to the high-quality fibers, oil-based and sizing agents containing components like wax or silicone oil are used in a high-speed sizing treatment of various new-synthetic fibers. But these agents have not been easily removed according to kinds of fibers which are used during a pre-treatment process. **QX-700** is an excellent scouring/emulsifying agent which can prevent such phenomenon with its excellent emulsifying/dispersing ability.

◆ SPECIFICATION

* APPEARANCE	Yellowish Liquid
* IONIC NATURE	Nonionic
* pH (1% aq. Sol'n)	12.0 ± 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, nonionic and cationic materials.

◆ FEATURES

- 1) **QX-700** can completely remove materials which are the cause of various troubles during a dyeing process by deeply penetrating into fiber-cells like Micro HDSF as well as HDSF, because it has especially an excellent emulsification/dispersion property. (HDSF: High Density Synthetic Fiber)
- 2) **QX-700** is suitable for a scouring/emulsifying agent for a continuous process, because it shows good efficiency even in treatment for a short time by its excellent penetrating property.
- 3) Because **QX-700** has an excellent emulsification/dispersion property, it prevents their redeposition by completely emulsifying/dispersing various pollutants on fiber.
- 4) It is easy to correct troubles by various oil spots and in silicone softener processing by using **QX-700**.



- 5) **QX-700** gives good whiteness on fiber after scouring, because it has excellent alkali resistance and heat resistance.
- 6) Because **QX-700** has hard water resistance, it is easy to wash.
- 7) It is environmental-friendly product as APEO-free and NPEO-free.

◆ APPLICATION FIBERS

Suitable for all fibers such as Polyester, Nylon, Cotton, etc.

◆ HOW TO USE

Recommended use levels are 5-10 g/ℓ according to kinds, density, thickness and types and stained degree of fibers.

◆ RECOMMENDED RECIPE

- 1) The method to remove them when parts contaminated by various machine oils and silicone oil are found on dried textiles during the inspection process.
 - 98% NaOH : 5-10 g/ℓ
 - **QX-700** : 5-10 g/ℓ
 - Correction conditions : Correction for 60 min at 100°C
 - Washing conditions : Washing hot and then cold.
- 2) The method to remove them when parts contaminated by redeposit ion of Acryl and PVA based sizing agents are found on dried textiles during the inspection process.
 - 98% NaOH : 5-10 g/ℓ
 - **QX-700** : 5-10 g/ℓ
 - **TS-600** : 5-10 g/ℓ
 - Correction conditions : Correction for 60 min at 100°C
 - Washing conditions : Washing hot and then cold.

◆ PACKAGE

120 Kgs NET IN DRUMS.



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