



TECHNICAL DATA SHEET

TEXO CLEAN RC-100

Reduction Clearing Agent for Disperse Dyes

Description: Texo Clean RC-100 is a reduction clearing agent with an extremely good clearing ability for use with polyester and polyester blends after dyeing with disperse dyes.

Physical Properties:

Physical appearance:	Colorless, Clear Liquid
Chemical Constitution:	A sulphinic acid derivative
Chemical Type:	Anionic
Specific gravity:	Approx. 1.3 (at 20 °C)
pH-value:	approx. ± 10
Solubility:	Miscible in water
Stability:	Stable to hard water and alkali
Compatibility:	Compatible with nonic and an-ionic products.
Incompatibility:	Precipitation may occur with cationic Products. Do not mix product directly with acids. Do not bring into contact with strong oxidizing agents such as hydrogen peroxide.
Storage:	Product remains stable for at least six months when stored under the proper condition between 20 °C to 40 °C.

Advantages of Texo Clean RC-100

Texo Clean RC-100 is a reduction clearing agent used for the after-scouring of PES in an acid dye bath. It can be applied as well as for the reductive after-scouring of

Polyacrylonitrile. The product is well suitable for the reductive clearing of blends of PES with wool, cotton, nylon and acrylic fibers.

Texo Clean RC-100 is a liquid reductive agent which is most effect at pH of 4.5 - 5.5.

The required quantity of Texo Clean RC-100 for reduction clearing depends upon the dyes concentration, fiber type and machine. Usually, after the dyeing bath is cooled down at 70-80 °C, 1-2 g/l of product is added at pH 4.5 - 5.5.

After the addition of Texo Clean RC-100, unfixed disperse dye is largely eliminated from PES as well as soiling from silk, elastane and cotton.

Fastness results are obtained with this product which corresponds in most cases to a reductive after-clearing with caustic soda / hydrosulphite.

As there is no need to add alkali to the dye bath, no acid required after the reduction treatment. Less time, energy, water and chemicals are required which results cost saving.

Safe Handling Recommendations

Wear suitable protective equipment. More detail is given in MSDS which is available on request.

Packaging and storage

Product is available in 120 kg plastic drum.

The product should be stored under normal conditions, away from heat. Keep container properly capped.

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