

MYSTOX SR CONC

Textile Auxiliary Product Data

Function	Fungicide.
Composition	Preparation of Mystox IP with cationic and nonionic emulsifying agents.
Description	Brown, non-corrosive, self-emulsifying oil.
Suggested Uses	Substantive treatment of textiles, particularly yarns in hank or package form. Preservation of latices and adhesives. Combined application with Mystolube CW where waxing is also required.

Textiles:

Assuming an 80% exhaustion the application of 1.5 to 2.2% on weight of goods will deposit 0.8 - 1.2% Mystox IP, according to the degree of protection required.

Application

Substantive treatment of textiles:

The goods should be in a neutral or slightly acid condition prior to Mystox SR Conc treatment. Flax and similar fibres which may have been alkali boiled should be rinsed thoroughly and any residual alkalinity neutralized by running for 10-15 minutes in water acidified with 1g/l 90% formic acid. Liquor ratios in excess of 20:1 should be avoided for Mystox SR Conc application since the rate of exhaustion may be adversely affected. A liquor ratio of about 10:1 allows for optimum running and exhaustion conditions. Drying temperatures should not exceed 125°C.

1. Application under acid conditions.

After neutralizing the goods thoroughly as already described, acidify with 1g/l of 90% formic acid and run for 10-15 minutes to ensure complete and even acidification. Disperse the required amount of Mystox SR Conc in 4-5 times its own weight of cold water with good stirring and when acidification is complete either add the Mystox SR Conc to the expansion tank or distribute evenly throughout the machine, lifting the goods where possible during the addition. Continue processing with appropriate reversal of liquor flow until the liquor becomes clear, this should take 20-30 minutes. Remove the goods and dry.

2. Application with Mystolube CW.

Apply the Mystox SR Conc as described earlier. When the liquor becomes clear add the required amount of Mystolube CW diluted with an equal amount of cold water to the bath (e.g. 8% Mystolube CW to give 2% wax) continuing the normal flow reversal. Raise the temperature slowly to 35°C - 40°C and run until the liquor again becomes clear, approximately 15 minutes. Remove goods and dry in the normal manner.

Latices and adhesives:

The required amount of Mystox SR Conc should be added directly to the mix with thorough stirring to achieve dispersion. Efficient mixing is essential, particularly in formulations of high viscosity.

Handling

Avoid skin and eye contact.
For further information see product Safety Data Sheet.