

TECHNICAL BULLETIN

MA-WET JET

MA-WET JET is a specially designed levelling agent for the direct and fiber reactive dyeing of cellulosic fibers and their blends. It has excellent dispersing and penetrating properties. MA-WET JET is also effective in eliminating edge lines in the dyeing of cotton knit fabric.

Typical Properties

Chemical Nature	: Sulphonate ethylene oxide condensate
Ionic Nature	: Anionic
Appearance	: Clear, yellow liquid
Solubility	: Soluble in water
pH (As Is)	: 7.0 - 8.0
Stability concentrations	: Stable to hard water, acids, alkalis and salts in usual
Compatibility	: Compatible with nonionic and anionic products. Its use with cationic products will cause precipitation

Salient Features

- excellent levelling properties with a controlled rate of strike of the dyestuffs
- no retardation properties
- excellent penetration
- assists in preventing creases and wrinkles
- assists in pasting or dissolving dyestuffs
- reduces disperse dye specking in thermosol dyeing

Application

A. Typical Dyeing Concentrations



MapleSolutions

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In a typical batch dyeing operation, MA-WET JET is recommended at a level of :
1.0 to 2.0 % o.w.g. depending on the depth of shade.

In a typical chem-pad formulation, MA-WET JET is recommended at a level of :
4.0 to 15.0 g/l

B. Edge Line Elimination

For edge lines and/or mechanical lines on circular knit cotton fabrics, the combination of :
2.0 % o.w.g. MA-WET JET and
2.0 % o.w.g. MA-LUBE C
is recommended. The auxiliaries are added to the initial bath prior to loading the fabric.
After this loading procedure is complete, the normal dyeing procedure should continue as usual.