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AVCO-MERCE WET

WETTING AGENT FOR MERCERIZING PROCESS

AVCO-MERCE WET is a wetting agent which is compatible with concentrated caustic solutions as used in the mercerizing process of cellulosic fabrics. (20 – 30° Be°).

SPECIFICATIONS:

Appearance	Clear, light brownish liquid.
Chemical nature	Substituted anionic alkyl sulphate.
Density	app. 1.05
Ionicity	Anionic.
pH (10% Sol.)	9 ± 1
Solubility	Soluble in water and in Caustic solutions.
Compatibility	Good with anionic and nonionic products. Excellent compatibility with caustic soda up to 30% NaOH.
Storage	Freezes below 0°C. Fully usable after thawing and stirring. Shelf life is at least 12 months.

PROPERTIES & USES:

1. AVCO-MERCE WET is highly effective wetting agent for mercerizing baths, and thereby ensures rapid penetration of the caustic liquor into the cellulose fibers. The product enables rapid wetting of tight woven grey fabrics even at high running speeds.
2. When applied on bleached or pre-boiled fabrics AVCO-MERCE WET ensures uniform mercerizing effect.
3. AVCO-MERCE WET is suitable to be used for mercerizing cotton knits and yarns.
4. AVCO-MERCE WET is a non-cresolic and non-phenolic mercerizing wetting agent.
5. AVCO-MERCE WET is a low foaming product. It is non-toxic and it is biodegradable. Its solution in caustic is stable and suitable for mercerizing woven fabrics and knits.
6. When lowering concentration of alkali below 20 – 25° Be° the wetting effect is decreasing proportionally.
7. AVCO-MERCE WET is suitable also for the application in the hot mercerization process.

APPLICATION:

1. For mercerizing grey cotton use 5 – 10 gr/l of AVCO-MERCE WET in the caustic bath.
2. For pre-boiled or bleached cotton, the amount of AVCO-MERCE WET can be reduced to 1 – 3 gr/l.
3. The product is simply stirred into the caustic bath at room temperature. After a long break (e.g. over weekend), an even distribution of padding liquor should be made by using the

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circulation pump.

4. If, for recuperation of the mercerizing liquor, the caustic concentration is increased above 38° Be°, the AVCO-MERCE WET should be added only to the mercerizing liquor ready to use, to avoid precipitation of the product in the concentrated feeding liquor.