

## Technical - Information

# AVCO-WET DZ

### VERSATILE WETTING AGENT

AVCO-WET DZ is a surfactant, which possesses very good wetting property, and can therefore be used in a wide range of textile preparation and dyeing processes, such as desizing, scouring, alkali treatment, bleaching, dyeing, finishing mainly in continuous and semi continuous machines. The product is low foaming.

#### SPECIFICATION:

<b>Appearance</b>	Colourless, slightly haze liquid.
<b>Chemical nature</b>	Blend of nonionic (APEO free) surfactants.
<b>Ionicity</b>	Nonionic.
<b>pH (10% sol.)</b>	7.5 ± 0.5
<b>Solubility</b>	Miscible with water at any ratio.
<b>Compatibility</b>	Can be used with all types of chemicals, normally encountered in textile preparation and bleaching processes.
<b>Resistance to: mild acids, mild alkalis, electrolytes hard water</b>	} Good.
<b>Foaming tendency</b>	Low foaming.
<b>Storage</b>	Solidifies below 0°C. Fully usable after thawing and agitating. Shelf life is at least 12 months.

#### PROPERTIES & USES:

1. Rapid wetting agent, applied in neutral, alkaline and mild acid range, for both cold and hot liquors, on all types of textiles.
2. Very efficient wetting agent for high-speed machines e.g. jet machines, overflow machines, high speed continuous bleaching, scouring and washing ranges.
3. Stable to chemicals normally used in textile preparation and bleaching processes, such as alkalis, mild acids, electrolytes, hypochlorite, sodium-chlorite, persulphates and hydrogen-peroxide.
4. Good wetting agent for de-sizing, bleaching and scouring operations.
5. Can be used in dye-bath, to ensure level pick up of dyestuffs.

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### ***APPLICATION:***

AVCO-WET DZ can be applied as is, or pre diluted with cold water.

Amounts of application are the following:

#### **1. Padding methods:**

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|-------------------------|---------------|
| a. On raw material      | use 2 - 4 g/l |
| b. On prepared material | use 1 - 2 g/l |

#### **2. Exhaustion methods:**

- |                         |                 |
|-------------------------|-----------------|
| a. On raw material      | use 1- 2 g/l    |
| b. On prepared material | use 0.5 - 2 g/l |