

## Technical - Information

# AVCO-TEX DAA

## CONCENTRATED DE-AERATING AGENT

AVCO-TEX DAA is a penetration accelerant with excellent de-aerating properties, which ensure high speed and even wetting of the treated textiles. It can be used in all kind of aqueous processes such as scouring, bleaching, dyeing, resin finishing etc. to increase the even pick-up of the treatment solutions and to avoid foam in high-speed continuous machines and in high speed jet machines.

It is often impossible to work without any de-foaming agent in various pretreatment, dyeing or finishing processes, when using some special foaming auxiliaries, or when the textiles contains foaming oils and lubricants. The use of AVCO-TEX DAA ensures foam free pretreatment, dyeing and finishing processes without any risk of spots formation.

### SPECIFICATIONS:

<b>Appearance</b>	Almost colourless clear liquid.
<b>Chemical nature</b>	Compound of nonionic surfactants, defoamers and solubilizers.
<b>Solubility</b>	Emulsifiable in water.
<b>pH (10% sol.)</b>	6 – 8
<b>Ionic type</b>	Nonionic.
<b>Compatibility</b>	Stable in hard water. Stable to alkalis, acids and electrolyte in pH range of 3-13. Stable to oxidative and reductive agents.
<b>Storage</b>	Stable in close container for at least 12 months. Should not be stored at temperatures above 40°C.

### PROPERTIES & USES:

1. Excellent and long lasting antifoaming effect in many application fields.
2. Suitable for all types of pretreatment, bleaching, dyeing and finishing procedures, in continuous and batch machines. AVCO-TEX DAA is stable to HT conditions.
3. Promotes fast and even liquor pick up through the whole cross section of the fibres.
4. Excellent penetrating agent for aqueous printing pastes of pigments, reactive and acid dyestuffs.
5. AVCO-TEX DAA is not foaming at all, and suppresses the foam of other surfactants.
6. Can be used in high alkaline pretreatment and bleaching processes.
7. Recommended for acidic finishing processes such as resin finishing.

## ***Technical - Information***

8. No spot formation even at elevated temperatures, easy to wash-off.
9. Durable action through all the dyeing or the bleaching cycle.
10. Concentrated de-aerating and antifoaming agent, Very efficient even at low dosages.

### ***APPLICATION:***

AVCO-TEX DAA should be dosed as is to the treatment solution.

1. High-speed wetting, improving the penetration on the treatment liquors with no foam.  
Use: 0.5 – 1.5 g/l
2. To increase the pick-up of bleaching and dyeing liquors.  
Use: 0.5 – 2.0 g/l
3. De-aerating and wetting of densely packed fibres and yarns.  
Use: 0.5 – 1.5 g/l
4. To increase the even pick up of resin finishing solutions.  
Use: 1.0 – 2.0 g/l