

Technical - Information

AVCO-TEX CAN

CONCENTRATED ANTIFOAM AND DE-AERATING AGENT

AVCO-TEX CAN is a unique antifoam and penetration accelerant with excellent de-foaming and de-aerating properties, which ensures high speed and even wetting of the treated textiles.

AVCO-TEX CAN is a highly efficient, concentrated defoamer with long lasting defoaming effect.

AVCO-TEX CAN can be used in all kind of aqueous processes such as printing, to increase penetration of the printing paste, and in pretreatment, bleaching and dyeing processes to increase the even pick-up in high-speed continuous machines.

It is often impossible to work without any defoamer in the pretreatment or dyeing process, when using some special foaming auxiliaries, or when the textiles contains foaming oils and lubricants. Use of AVCO-TEX CAN ensures foam free pretreatment or dyeing processes.

SPECIFICATION:

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| Appearance | Slightly yellowish clear liquid. |
| Chemical nature | Blend of nonionic surfactants , defoamers and long chain alcohol. |
| Solubility | Emulsifiable in water. |
| pH (1% sol.) | 6 – 8 |
| Ionicity | Nonionic. |
| Compatibility | Stable in hard water. Stable to alkalis, acids and electrolyte in pH range of 4 - 13. Stable to oxidative and reductive agents. |
| Storage | Stable in close container for at least 12 months. Should not be stored at temperatures above 40°C. |

PROPERTIES AND USE:

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. 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.

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5. AVCO-TEX CAN is non foaming at all, and suppresses foam of other surfactants.
6. Can be used in high alkaline or mild acid liquors.
7. No spot formation even at elevated temperatures. Easy to wash-off.
8. Durable action through all the dyeing or bleaching cycle.
9. Concentrated deaerating and antifoaming agent. Very efficient even at low dosages.

APPLICATION:

AVCO-TEX CAN can be dosed as is or pre-diluted, with cold water.

1. Defoaming:
Use: 0.2 – 0.5 g/l
2. High speed wetting, improving penetration on treatment liquors with no foam.
Use: 0.3 – 1.0 g/l
3. To increase pick-up of bleaching and dyeing liquors.
Use: 0.5 – 1.0 g/l
4. De-aerating and wetting of densely packed fibres and yarns.
Use: 0.5 – 1.0 g/l
5. To increase penetration of aqueous printing paste into fabrics.
Use: 5 – 15 g/kg