

Technical - Information

AVCO-ANTIFOAM H50

SILICONE ANTIFOAMING AGENT

AVCO-ANTIFOAM H50 is a versatile silicone anti-foaming and defoaming agent, which can be used in most aqueous textile operations, preparation, dyeing and finishing baths.

AVCO-ANTIFOAM H50 is an excellent anti-foaming and defoaming agent, which is suitable for many applications in a wide range of industries where foam appearance is problematic (paint production, coating, agriculture, metal treatment, bottle cleaning, effluent treatment plants etc.)

SPECIFICATION:

Appearance	Milky white low viscosity liquid.
Chemical nature	O/W emulsion of silicone polymer.
Ionicity	Mainly nonionic.
pH (as is)	7.5 ± 0.5
Solubility	Dispersible in water.
Compatibility	Stable in aqueous processes used in textile preparation. Bleaching, dyeing finishing and printing. Is not stable at extreme pH range.
Storage	Stable for 9 months at least. Do not store in direct sun. Product is sensitive to frost.

PROPERTIES & USES:

1. Very efficient and economic antifoam.
2. Can be used in all types of aqueous operations.
3. Good stability to high temperatures.
4. Suitable for padding or exhaust process.
5. Good compatibility with various chemicals with a long lasting effect.
6. Applying in dyeing polyester process is limited. It is highly recommendation to use the low foam leveling and dispersing agent in the process such as AVCO-POLYLEV POL LF.
7. AVCO-ANTIFOAM H50 is a liquid product and can be dosed very easily into the aqueous phase, its spreading in the aqueous medium is very quick, and its anti-foaming effect shows up immediately.

APPLICATION:

1. Due to its low viscosity, the product is easy to dose, and disperses well in aqueous systems.
2. For an exact, safely usable and economical dosage it is recommended to make a preliminary dilution with cold water in a ratio of 1:5-1:10 which should be used within one day.

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3. Dilution should be made by simple stirring with a rod. Pour the pure product over the water while stirring. Not suitable to mix with circulating pump.
4. Recommended dosage is 0.2-1 g/l. After prolonged storage of diluted solutions, the liquid should be stirred again before use.
5. On account of the plenty possibilities of applications, and due to the various demands made on the functions of the product, it is recommended to carry out preliminary tests in any individual case.