

AVCO-ANTIFOAM NS 100

EFFICIENT NON-SILICONE ANTIFOAM

AVCO-ANTIFOAM NS 100 is a very efficient antifoam and defoaming agent designed for aqueous systems.

The product is a non-silicone type, and can be used in high temperature aqueous systems, with no problems of oily stains in all types of preparation dyeing and finishing procedures.

SPECIFICATION:

Appearance	Slightly viscous, opaque, cream colour liquid.
Chemical nature	Emulsifiable hydrocarbon with special additives.
Density	0.9 g/cc
pH (10%)	7 ± 1
Ionicity	Nonionic.
Solubility	Dispersible in cold water.
Compatibility	Stable in aqueous processes used in textile preparation. Bleaching, dyeing finishing and printing. Is not stable at extreme pH range.
Storage	Good for at least 12 months. Do not store in direct sun. Sensitive to frost.

PROPERTIES & USES:

1. Effective in many aqueous processing operations, including high temperature systems.
2. AVCO-ANTIFOAM NS 100 is used for preventing foam and for destroying existing foam.
3. Excellent compatibility with many types of chemicals and with hard water.
4. Non flammable.
5. Non silicone antifoam.
6. AVCO-ANTIFOAM NS 100 unlike silicone anti-foams will not cause problematic silicone grease build up on walls of equipments.
7. Stable in pH range of 2 - 12.
8. High stability towards electrolytes.
9. The product is nonionic and can be used with anionic and cationic textile auxiliaries and

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dyestuffs.

10. Excellent antifoam for all kinds of textile preparation, bleaching, dyeing, printing, coating and finishing processes, at pH range of 2 - 12 and in all temperature range including HT dyeing.
11. AVCO-ANTIFOAM NS 100 is an excellent bubbles breaker and deaerating agent for aqueous coating paste. The product is not causing any deterioration in the film properties and sticking power of the coating polymers.

APPLICATION:

1. Before use, pre-dilute the product with luke warm water (35 - 40°C) while stirring at a ratio of 1:4 - 1:9.
2. If the pre-mix is used after several days the emulsion should be stirred again.
3. Amount of application depends on type of process. Use of 0.3 - 1.0 g/l is sufficient in most cases.
4. AVCO-ANTIFOAM NS 100 should be added to the bleaching or dyeing machine before the heating up step. Do not add the product to hot liquors above 70°C.
5. AVCO-ANTIFOAM NS 100 is an excellent defoamer for pigment, reactive and disperse printing pastes. Use 0.5 - 1.0 g/kg.