

Technical - Information

AVCO-SOFT BASE CSNY

CONCENTRATED HIDROPHILIC FATTY ACID SOFTENER

AVCO-SOFT BASE CSNY is a hydrophilic and non yellowing fabric softener for use in household and commercial products.

It can be used in a full range of dispersion concentrations with excellent storage stability and easy formulation.

These dispersions exhibit instant cold water dispersibility. AVCO-SOFT BASE CSNY offers good hand feel, rewet and is non-yellowing.

SPECIFICATION:

Appearance	Yellow paste/liquid.
Chemical nature	Alkyl amido hydroxyethyl quaternary.
Ionicity	Cationic.
Density (gr/ml)	0.92 - 0.98
Solubility	Can be mixed with cold water.
pH (10% in water)	6 ± 0.5.
Alkali, acid, hard water and electrolyte stability	Good.
Storage	Stable for at least 12 months. Stir well before use.

PROPERTIES & USES:

1. AVCO-SOFT BASE CSNY imparts a soft, smooth handle to all kinds of fibres, especially for the textile materials made of cellulose fibre and its blends.
2. AVCO-SOFT BASE CSNY is a special softener for all textiles requiring high absorbency such as high quality towels and underwear.
3. AVCO-SOFT BASE CSNY does not improve soil release property.
4. AVCO-SOFT BASE CSNY is considered as non yellowing softener at the drying range temperature of 110 - 160°C.
5. AVCO-SOFT BASE CSNY can used together with silicone và polyethylene softener.
6. AVCO-SOFT BASE CSNY need to be diluted before using as following procedure:

AVCO-SOFT BASE CSNY: 10%

WATER (at room temerature): 90%

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Stiring well for 10 - 15 mins so it can be used immediately.

7. As AVCO-SOFT BASE CSNY is a special material so its appearance could vary depending on the stored temperature:

Temperature > 30°C: liquid form.

Temperature < 25°C: becomes viscous.

Between 25 - 30°C: upper layer as liquid form, lower layer as higher viscous form.

So it needs to stir well before use to ensure the uniformity of the product.

APPLICATION:

AVCO-SOFT BASE CSNY can be applied by padding or exhaustion.

1. Exhaust process:

Finishing for Towels:

AVCO-SOFT BASE CSNY: 0.15%

AVCO- NANO FINISH HT: 0.4%

Run 20 - 30 mins at 40°C, pH = 4.5 - 5.5.

2. Padding process:

Use 30 - 60 g/l AVCO-SOFT BASE CSNY, depending on the pickup and the desired handle.

To improve the handle, use AVCO-SOFT BASE CSNY together with silicone softener such as AVCO-EXTRASOFT VC or AVCO-NANOFINISH HT(10 – 30 g/l).