



CHEMSYNTH CORPORATION

(Exporter of chemical Raw materials)

**B 406 kailas Business park, Veer savarkar marg, Vikhroli powai link raod,
Vikhroli (west) Mumbai 400 079, India. Tele: +91 22 6692 0467 , 6221 5429**

Email info@chemsynth.co.in

CHEMSOFT CSF

(Hot Water Soluble Cationic Softener flakes form)

Properties :

| | | |
|-----------------------|---|---|
| Appearance | : | Creamish flakes |
| Chemical constitution | : | Fatty acid derivative |
| Ionic | : | Cationic |
| pH of 1% solution | : | About 5 |
| Solubility | : | Cold water soluble |
| Uses in combination | : | Compatible with nonionic & cationic products. |

Features :

- ☞ Gives excellent softness & smoothness to all type of fabric substrates
- ☞ Improves the mechanical properties of fibres in subsequent processes such as drafting, winding, reeling, knitting etc.
- ☞ Increases the elasticity of textured polyamide crimped yarn
- ☞ Minimal effect on the light fastness & shade of dyeings & prints
- ☞ Improves sewability.

Dilution :

Dilution of chemsoft csf . to chemsoft csf (20%)

| | | |
|---------------------|-------|--|
| CHEMSOFT CSF (conc) | 21 | } Stir for 30-45 mins. till homogenous |
| Water | 79 | |
| | <hr/> | |
| | 100 | |

Adjust pH to 5±1 with Acetic Acid

Procedure :

- ☞ Take 21 kgs of chemsoft csf in SS vessel & to it add 79 kgs of water & allow it to soak for 2-3 hrs & then stir under high speed stirrer for 10-15 mins till homogeneous.
- ☞ Adjust the product pH between 5±1 with acetic acid.

Specification of CHEMSOFT CSF :

Appearance : Cream colored flakes

| | | |
|--------------------|---|-----------------------|
| Reactive component | : | Fatty acid derivative |
| Ionicity | : | Cationic |
| pH | : | 5.0 ± 1 |
| % Solids(w/w) | : | 96 ± 3 |
| Diluent | : | Water |

Specification of CHEMSOFT CSF (20%)

| | | |
|--------------------|---|-----------------------|
| Appearance | : | Creamish paste |
| Reactive component | : | Fatty acid derivative |
| Ionicity | : | Cationic |
| pH | : | 5±1 |
| % solids (w/w) | : | 20 ± 2 |
| Diluent | : | Water |

Application:

1. By Exhaustion:
2-5 g/l CHEMSOFT CSF (20%)
2. By Padding:
5.0 – 20.0 g/l CHEMSOFT CSF (20%)

Handling Precautions

Safety information required for the safe use of this product is not included. Before handling the product read the product Safety Data Sheet which provides information for its safe use and physical and health hazard information.

Product Life and Storage

This product may be stored upto six months in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

Packing: 50 & 200 kg HMHDPE containers.

Warranty

The above information is believed to be accurate based on CHEMSYNTH CORPORATIONS'S current state of knowledge and is made in good faith. This information cannot be used as a substitute for preliminary tests. These tests are essential before the material is used in a full scale production as we have no control on conditions during processing, especially where other companies materials are being used. Our sole warranty is that the product will meet our current specifications. CHEMSYNTH CORPORATION disclaims any other express or implied warranty, and our sole liability for breach of warranty is limited to refund of purchase price or replacement of the product shown to be other than warranted. We expressly disclaim any liability for incidental or consequential damages.