



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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## PRODUCT LITERATURE

### ANTICREASE (CONC)

#### Product Information

Anticrease (Conc) is a Lubricating and Crease preventing agent for natural and synthetic fibres and their blends. The product is recommended for all types of materials which are processed at low liquor ratio on machines with high shear forces in order to prevent the chaffing and crease marks. Due to its chemical nature, the product can be used in all stages of processing. It forms a thin, uniform, protective coating around the fibre to lower the surface friction and flexural rigidity, thus minimizing the formation of durable creases during high temperature wet processing of polyester.

#### Key Features & Benefits

Key Features -----	Benefits -----
Concentrated	Economical
Versatile	Suitable for pretreatment, dyeing of cotton, polyester and their blends
Highly efficient	Prevents chaffing or crease marks during processing
Prevents metal to fibre friction	Uniform dyeing in combination with phthalocyanine types of dye.

#### General Characteristics

Physical appearance	: White to off white crystalline powder
Ionic Nature	: Anionic
pH of 1% solution	: 7.5 +/- 1
Miscibility	: Soluble in water with vigorous stirring or soaking overnight
Compatibility	: Compatible with nonionic and anionic products
Stability	: Stable to dilute acids and dilute alkalis

#### Application

Exhaust application:  
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Depending upon the fabric type i.e. construction, weave pattern and fabric weight, 0.2-0.5 g/l of diluted Anticrease (Conc) is recommended.

Note:

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Fill water in the machine. Add Celldet-R followed by addition of Anticrease (Conc). Load fabric at 50 rpm speed (30% rpm of original rpm of running batch). Run for 10 minutes (3 cycles) and then add bleaching auxiliaries.

It is advisable to use Anticrease (Conc) at a maximum temperature of 99 deg.C and not beyond.

#### Instructions For Dilution

##### I. Best method for Dilution

- Soak Anticrease (Conc) in DM water for 12-16 hrs
- After 12-16 hrs, stir the soaked Anticrease (Conc) at a very low rpm (50-100 rpm) OR hand stirring for homogenization.
- Filter/strain finished product through 200-250 mesh nylon filter cloth to remove un-dissolved particles/lumps if any.

##### II. Quick method for Dilution

- Take 98.5 parts DM water (60-70 deg. C)
- To this, add 1.5 parts of Anticrease (Conc) under constant stirring at 150-200 rpm.
- Add the required quantity of Anticrease (Conc) slowly over a period of 45-60 min.
- Continue stirring by maintaining the temperature for additional 90 minutes.
- Allow to age for 2-3 hours.
- Filter the solution to remove un-dissolved particles/lumps if any.

It is advisable to utilize the diluted product within 2 months. Stir well before use.



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Preservation: It is recommended to add 0.1% Bronopol (2-Bromo,2-nitropropane, 1,3-diol) or Methyl Paraben (methyl para hydroxy benzoate) as an antimicrobial agent to avoid fungal / microbial growth.

#### Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]  
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