



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### REDUCON-ACD (CONC)

#### Product Information

Reducon-ACD (Conc) is a reduction clearing agent available in powder form. Reducon-ACD (Conc) removes unfixed disperse dyes in acidic medium from polyester and its blends with polyacrylonitrile. It is applied in cooling dyebath of acidic medium.

#### Key Features & Benefits

##### Key Features

Works under acidic pH

Dyeing followed by reduction clearing in the same dye bath

##### Benefits

Alkalifying, fresh bath and reacidifying is not require

Saves time, energy and water

#### General Characteristics

Physical appearance : White to off white granules  
Ionic nature : Nonionic  
pH of 1% solution : 11 +/- 2  
Miscibility : Soluble with water  
Compatibility : Compatible with anionic, cationic and nonionic products  
Stability : Stable to dilute acids and dilute alkalies

#### Application

It is highly effective in a cooling acid dye bath, the pH of the bath should be 4.0-4.5

After dyeing, treat the dyed substrate at 70-80 deg.C for 10-20 min. followed by rinsing.

SUGGESTED RECIPE - Light to Medium shade

Substrate	Dosage*
Polyester	0.5-1% (owf)



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Polyester/Spandex	1-2% (owf)
Saragen-SO	0.3-0.5 g/l (Optional) OR
Saragen-DAM	1.0-2.0% (Optional)

Addition of dispersing agents (Saragen-SO, Saragen-DAM) improves removal of dye in case of polyester/spandex.

Dosages of diluted product to be calculated on the basis of solid content.

Dosages to be taken depending on the depth of shade.

Note : For Dark shade

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Drain the dye bath and then add 1.5-2% owf Reducon-ACD (Conc) + 1% Saragen-SO at pH 4-4.5 at 75-80 deg.C for 20-30 min

### Instructions For Dilution

Procedure to prepare 30% diluted product of 100% Reducon-ACD (Conc)

- Take 30 parts of Reducon-ACD (Conc)
- To this, add 70 parts of DM water.
- Stir at 200-300 rpm for 40-45 min. till Reducon-ACD (Conc) is completely dissolved.

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.

Note: Un-dissolved particles if any can be filtered off.

### 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.



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### REDUCON-ACD (CONC)

Shelf Life : 8 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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