



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 dye bath of acidic medium. It is water soluble thus make easy dosing process.

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, water and reduces effluent load

General Characteristics

Physical appearance : White irregular powder

Ionic nature : Nonionic

pH of 1% solution : 11 +/- 2

Miscibility : Soluble in 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 3.5-4.5

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

- Drain the dye bath and then add 1-2% owf Reducon-ACD (Conc) + 1% Saragen-SO at pH 3.5-4.5 at 75-80 deg.C for 20-30 min
- Keep the packaging bag of Reducon-ACD(Conc) tightly closed after every use. Atmospheric moisture and air may reduce the product strength.

Instructions For Dilution

Procedure to prepare 25% diluted product of 100% Reducon-ACD (Conc)

- Take 25 parts of Reducon-ACD (Conc)
- To this, add 75 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.

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

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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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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