



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### CAREWHITE-PAS

#### Product Information

Carewhite-PAS is an optical brightening agent for polyamide, wool, silk, cellulosic fibres and their blends. It can be applied by exhaust as well as by continuous process. Fabric treated with Carewhite-PAS offers violetish white shade on the treated substrate. Carewhite-PAS shows good stability to wide range of pH. Carewhite-PAS shows good light fastness.

#### Key Features & Benefits

##### Key Features

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Violetish white shade

Stable at wide range of pH

##### Benefits

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Brilliant whites can be obtained

Stable to reductive bleach

#### General Characteristics

Physical appearance : Lemon yellow to yellow liquid  
Ionic nature : Anionic  
pH of 1% solution : 9.5 +/- 1  
Miscibility : Miscible with water  
Compatibility : Compatible with anionic and nonionic products  
Stability : Stable to dilute acids and dilute alkalies

#### Application

##### Padding Process

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Dosage : 10-20 g/l

Pick-up : 65-70%

Bath pH : 4.0-5.0

Drying : 120-160 deg.C

##### Exhaust Process

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Dosage : 1-2%

Bath pH : 4.0-5.0

Bath Temp. : 95-100 deg.C

Time : 30-40 mins.

#### STABILITY & FASTNESS PROPERTIES:

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##### Stability to

##### Remarks

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Peroxide bleach

Stable

Reduction bleach

Stable



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### CAREWHITE-PAS

Chlorite bleach	Not stable
Chlorine bleach	Not stable
Hard water, ppm (Ca)	Not stable
pH	2-12
Compatibility with softeners	Compatible

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Fastness properties	Methods	Rating
Light fastness	ISO 105-B02	3-4
Wash fastness, 60 deg.C	ISO 105-C06 C1	5
Wash fastness, 90 deg.C	ISO 105-C06 E1	3
Dry heat fixation, 180 deg.C	ISO 105-P01	5
Dry heat fixation, 210 deg.C	ISO 105-P01	5
Perspiration, acidic	ISO 105-E04	5
Perspiration, alkaline	ISO 105-E04	5
Dry cleaning (perchloroethylene)	ISO 105-D01	4-5
Chlorine bleach	---	4-5
Chlorite bleach	---	1

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### 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 : 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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