



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tcmktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

SARAWHITE-COL.

Product Information

Sarawhite-COL.is a high affinity optical brightener with bluish tone for cellulosic fibres and their blends. Due to it's high affinity Sarawhite-COL.is recommended by exhaust application only.

Key Features & Benefits

Key Features

Bluish tone

Concentrated form

High affinity

Stability to pH

Benefits

Brilliant whites can be obtained

Economical

Excellent exhaustion

Stable to pH 7 to 10

General Characteristics

Physical appearance : Greenish yellow powder

Ionic nature : Anionic

pH of 1% solution : 10 +/- 1

Miscibility : Soluble in water. Solution must not be exposed to light

Compatibility : Compatible with anionic and non-ionic products

Stability : Unstable to dilute acids but stable to dilute alkalies, hard water, hydrogen peroxide

Application

Exhaust process: Cotton, viscose & modal

Dosage : 0.3-0.4%

Bath pH : 6-10

Bath Temp. : 60-90 deg.C

Time : 20-30 mins.



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Suggested recipe for better whiteness

Sarawhite-COL : 0.05-0.2%
 Sarawhite-HA : 0.4-0.7% OR Sarawhite (Conc) : 0.08-0.15%
 Temp. : 80-85 deg.C
 Time : 20-30 mins.

Note: OBA treatment to be given after bleaching in hot rinse

STABILITY & FASTNESS PROPERTIES:

Stability to :	Remarks
Peroxide bleach	Stable
Reduction bleach (hydro sulphite based)	Unstable
Chlorine bleach	Unstable
pH	5-12

Fastness properties	Methods	Change in degree of whiteness
Wash fastness, 60 deg.C	ISO 105-C06 C1	4-5
Wash fastness, 90 deg.C	ISO 105-C06 E1	4
Dry heat fixation, 180 deg.C	ISO 105-P01	4
Dry heat fixation, 210 deg.C	ISO 105-P01	3
Perspiration, acidic	ISO 105-E04	4-5
Perspiration, alkaline	ISO 105-E04	4-5

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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