



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

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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

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 Unstable
(hydro sulphite based) Unstable
Chlorine bleach
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 : 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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