



PRODUCT LITERATURE

SARAWHITE-MST.

Product Information

Sarawhite-MST. is a fluorescent whitening agent with bluish violet tone for cellulosic fibres and their blends. It is most suitable for continuous processes as there is no tailing and it has excellent leveling properties. Sarawhite-MST. can also be applied with anionic finishing agents or with crosslinking agents.

Key Features & Benefits

Key Features	Benefits
Low affinity	Applied by padding application
Good stability to pH stability	Can be used with resin
crosslinking agent	Stable to pH 5 to 9

General Characteristics

Physical appearance	Pale yellow to reddish yellow liquid
Ionic nature	Anionic
pH of 1% solution	8.5 +/- 1
Miscibility	Miscible with water
Compatibility	Compatible with anionic and non-ionic products
Stability	Stable to dilute acids and dilute alkalies

Application

Continuous/Padding process:

Dosage : 10-25 g/l (depending on substrate quality)
Pick-up : 65-70%
Bath pH : 5.0-6.0
Drying : 140-160 deg.C, 4-5 min. with cross-linking agent

STABILITY & FASTNESS PROPERTIES:

<u>Stability to</u>	<u>Remarks</u>
Peroxide bleach	Stable
Reduction bleach (hydro sulphite based)	Stable
Chlorite bleach	Unstable
Chlorine bleach	Unstable
Hard water	Stable pH <1



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Fastness properties	Methods	Change in degree of whiteness
Light fastness	ISO 105-B02	3-4
Wash fastness, 60 deg.C	ISO 105-C06 C1	3-4
Wash fastness, 90 deg.C	ISO 105-C06 E1	2-3
Dry heat fixation, 180 deg.C	ISO 105-P01	5
Perspiration, acidic	ISO 105-E04	5
Perspiration, alkaline	ISO 105-E04	5
Dry Cleaning	----	5
Chlorite bleach	----	1
Chlorine bleach	----	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.