



Paramount Minerals and Chemicals Limited

(An ISO 9001- 2000 Certified Company)

Parawhite BU Powder

General Properties

Appearance	:	Brownish Free Flowing Powder
Character	:	Anionic Stilbene Derivative
Solubility	:	25° C 285 g/l , 98° C 400 g/l
pH (10% aqueous solution)	:	7.08 – 8.5
Shade	:	Bluish To Neutral White

Fastness

The white effect of Parawhite BU Powder on the fibre is fast to light, washing Chlorine, perspiration and heat.

Stability

Hard Water	:	Up to 10 degree hardness
Acids	:	Good down to pH3
Alkalis	:	Very good up to pH 10
Catalysts	:	Good
Hydrogen Peroxide	:	Very good
Hydrosulphite	:	Good
Hypochlorite	:	Unstable
Chlorite	:	Unstable
Light	:	The stock solution should be protected from light.

Application in Textiles

PARAWHITE BU POWDER is recommended for cellulosic fibres, rayons, viscose etc. The quantity depends on the nature of material to be whitened and the shade and extend of brightness required. PARAWHITE BU POWDER has low affinity and is absorbed relatively slowly. Hence PARAWHITE BU POWDER can also be used for application by exhaustion process by addition of salt, to promote exhaustion of the fluorescent brightener.

Padding Process : 0.20 - 2.15 gms/ltr PARAWHITE BU POWDER

Exhaustion Process

Quantity : 0.04 - 0.20% PARAWHITE BU or
0.03 - 0.20% per kg of goods

Time : 20 - 30 minutes

Temperatures : 60 degree C - 100 degree C

PH range : 4 - 10

Salt Addition : 5-10 gms/ltr Sodium Sulphate (Anhydrous
Glauber's Salt or Double the quantity of
Hydrated)

Peroxide cold pad

Batch Bleach : 2.5 - 4.2 ml/kg of goods is added to the
Impregnating liquor.