



# **Paramount Minerals and Chemicals Limited**

(An ISO 9001- 2000 Certified Company)

## **Parawhite P Liquid**

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<b>APPEARANCE</b>	<b>Brownish Yellow Liquid</b>
<b>CHARACTER</b>	<b>Anionic Stilbene derivative</b>
<b>SOLUBILITY</b>	<b>Soluble in water in all proportions at 10 Deg C and above</b>
<b>pH (10% aqueous soln)</b>	<b>7.08 - 8.5</b>
<b>SPECIFIC GRAVITY AT 25-30 DEG C.</b>	<b>1.08 - 1.12</b>
<b>SHADE</b>	<b>Bluish to Neutral White</b>
<b>FASTNESS</b>	<b>The white effect of PARAWHITE P LIQUID on the fibre is fast to light, washing, chlorine, perspiration and heat.</b>
<b>STORAGE STABILITY</b>	<b>At temperatures lower than approx.-15 degreeC PARAWHITE P LIQUID may crystallise out. On heating, the product redissolves to form a clear, solution with unimpaired efficiency.</b>
<b>STABILITY</b>	<b>Hard Water: upto 10 Degree Hardness Acids : good down to pH3 Alkalis : very good upto pH 10 Catalysts: good Hydrogen Peroxide: very good Hydrosulphite : good Hypochlorite : unstable Chlorite : unstable Light: the stock solution should be protected from light</b>

### APPLICATION IN TEXTILES

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

**PADDING PROCESS : 0.75 - 7.5 gms/ltr PARAWHITE P LIQUID**

#### **EXHAUSTION PROCESS**

**-Quantity : 0.15-0.75% PARAWHITE P LIQ. or  
0.12 - 0.62 per Kg of goods**

**-Time : 20 - 30 minutes**

**-Temperature : 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.**