

**CATOWHITE 2 BF LIQUID**

Technical Specification

|                      |  |
|----------------------|--|
| C.I. No.             | : 24   |
| Chemical Composition | : Derivative of 4, 4'-diaminostilbene 2, 2' -disulphonic acid                                |
| Appearance           | : Lemon Yellow Viscous Liquid  |
| Toxicity             | : Anionic  |
| Sp. Gravity, g/cc    | : 1.12 + _ 0.02  |
| pH                   | : 9 + _ 0.5  |
| Storage Stability    | : The product is stable upto 12 months, from date of manufacture at all ambient temperatures |

Medium substantive acid stable Optical Brightener for celluloses used mainly for padding & size press. CATOWHITE 2BF Liquid gives neutral to slightly reddish fluorescence on cellulosic fibers. It can be applied by padding or by exhaustion process. It can be incorporate in continuous peroxide bleaching. Best suitable for cotton yarn in package form. **CATOWHITE 2BF LIQ** has food stability upto pH 3.5/4.0

**APPLICATION:**

**Exhaust Method:**

**CATOWHITE 2BF LIQUID** added in 0.1 – 0.8% at 60°C - 80°C for 20 minutes. Addition of Gluaber Salt 2.5 gpl promotes exhaustion. CATOWHITE 2BF Liquid is suitable for application is peroxide bleaching bath.

**Padding Method:**

**CATOWHITE 2BF LIQUID** is added in normal finishing, applied with resin bath upto 3.5 pH. With dosage 0.1% - 0.3%

**Continuous peroxide Bleaching.**

|             |                               |
|-------------|-------------------------------|
| 4 – 6 g/l   | : Sando clean liquid          |
| 6 – 10 g/l  | : Stabilizer liquid           |
| 5 – 10g/l   | : Caustic Soda liquid         |
| 40 – 60 g/l | : Hydrogen Peroxide 30%       |
| 3 – 7 g/l   | : <b>CATOWHITE 2BF LIQUID</b> |

Pad at 1200°C add on and steam at 80°C for 30 minutes, rinse and dry.

All Stock solutions of OWA are very sensitive to light.