

**CATOWHITE TG LIQ.**

Technical Specification

C.I. NO.	: 253
Chemical Composition	: Derivative of 4, 4'-diaminostibene 2, 2' -disulphonic acid
Appearance	: Clear amber coloured liquid.
pH	: 8.5-9
Ionic	: Character Anionic
Solubility	: Freely miscible
Specific Gravity	: 1.18 – 1.20
Stability	: <b>CATOWHITE TG LIQ.</b> is stable to peroxide, Hydrosulphite and Alkalies. It is stable to acids under pH – 5

**CATOWHITE TG LIQ.** is used for natural and regenerated fibers, particularly suitable for exhaustion method.

**APPLICATION:**

**Cellulose:**

CATOWHITE TG LIQ	: 0.22 – 0.4% on wt. of Fabric.
Hydrogen Peroxide	: 8 mg/l
Caustic Soda	: 0.5 gm/l
Organic Stabilzer	: 1 – 2 gm/l
Wetting Agent	: As required.
Temp	: 100°C
Duration	: 60 min

**Polyamide:**

<b>CATOWHITE TG LIQ.</b>	: 0.5 – 1.2% on wt. of Fabric.
Sodium Hydrosulphite	: 1 – 3 gm/l
Temp	: 90°C - 100°C
Duration	: 30 min

**Paper Industry:**

**CATOWHITE TG. LIQ.** is recommended to add in the stock before addition of alum/ PAC where the stock is vigorously agitated. **CATOWHITE TG LIQ.** has higher graying Limit. It is added to the stock in the following order.

PULP  
OWA  
FILLER  
SIZING  
AGENT  
ALUM/PAC

All Stock solutions of OWA are very sensitive to light.