

**TECHNICAL INFORMATION**  
**DIKAPHOR SA-W**  
**OPTICAL BRIGHTENING AGENT FOR CELLULOSE FIBERS.**

DIKAPHOR SA-W is a rapid-dyeing type Optical Brightening Agent and shows an excellent dyeing property and whitening effect by either exhaustion or padding process with outstanding fastness properties.

**Application: -**

Cotton, Viscose rayon, Cupra rayon, Polyamide, Vinyon

Chemical Constitution	:	Stilbene disulphonic acid derivatives.
Ionic	:	Anionic
Appearance	:	Powder
Solubility	:	Good
Affinity	:	Moderate to High
Shade of White	:	Bluish White
Stability	:	pH ...3.5-12
		Electrolyte ...Very Good
		Peroxide Bleach ...Very Good
		Chlorite Bleach ...Not Stable
		Alkali ...Very Good
		Acid ...Very Good

**Application in Textiles: -**

1) By Exhaustion Method

	Dyeing Conc. (o.w.f.)%	Liquor Ratio	Dyeing Time (Min.)	Dyeing Temp. °C	PH in Dyebath	Auxiliary
Cotton, Hemp, Staple Fiber	1.0 - 5.0	1:10 ~ 1:40	10 - 20	20 - 40	7 - 10	Non
Viscose Rayon	1.0 - 5.0	1:10 ~ 1:40	10 - 30	40 - 60	7 - 10	Gluaber's Salt 5 - 20%
Vinyon	1.0 - 5.0	1:10 ~ 1:40	10 - 30	50 - 60	7 - 10	
Poly-Amide	2.0 - 5.0	1:10 ~ 1:40	10 - 30	60 - 80	5 - 6	Acetic Acid 1%o.w.f.

2) By Padding Method (with or without Finishing Resins)

	Dyeing Conc. (Gm / L)	Padding Temp. (°C)	Padding Time (Sec.)	Auxiliary
Cotton, Hemp, Staple fiber	5 - 20 gm/L	20 - 50	1 – 5	None
Viscose Rayon	5 - 20 gm/L	20 – 50	1 – 5	Glauber's Salt 1 - 10%

When DIKAPHOR SA-W is co-used with finishing resin, the solution of DIKAPHOR SA-2 to be prepared separately and to be added resin finishing bath before padding.

**Above recommendations are given according to our best knowledge and belief but without guarantee.**