



ISO 9001
Registered

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HSINDYE CA-250S CONC High and low temp. Type carrier

HSINDYE CA-250S CONC is an excellent leveling agent for dyeing of polyester and polyester blends at atmospheric temperatures or in pressure dyeing. It is suitable for all types of dyeing equipment including jet dyeing machines. Due to its excellent leveling and migrating properties, CA-250S CONC is especially effective for eliminating barre effects and for repair of faulty dyeing.

General properties:

Appearance:	Light yellow clear liquid
Composition:	Phenyl derivatives compound
Ionic nature:	Nonionic/anionic
pH (1% solution):	6.0 +/- 1.0
Solubility:	Self emulsifiable in water to form a white emulsion

Special features:

1. Suitable for rapid dyeing procedures.
2. Excellent migration properties, minimizing barre effects.
3. Self-emulsifiable to form stable emulsion.

4. No residual odor on fabric with low toxicity.
5. Excellent color yield.
6. Low foaming properties.

Application:

Amount of product required depends of depth of shade and severity of barre condition.

1. For normal dyeing:

Dyes	X%(o.w.f)
HSINSOU CA-250S CONC	0.3 ~ 0.5 g/l
pH	5 ~ 5.5
Temp. xTime	130°C x45min

2. For eliminating barre effect:

Add dyes	5% ~ 10%
HSINSOU CA-250S CONC	1 ~ 2 g/l
pH	5 ~ 5.5
Temp. xTime	135°C x60min

3. For stripping :

HSINDYE CA-250S CONC	2 ~ 3g/l
(NaOH)	pH 9 ~ 12
Temp. xTime	130°C x45~60min

Note: full evaluation is recommended prior to commercial usage.