



## HSINSOU SEN-40 scouring and emulsifying agent

HSINSOU SEN-40 is a very special nonionic surfactant with powerful scouring, emulsifying and penetrating character.

### General properties:

Appearance	:	Colorless transparent liquid
Composition	:	Special surfactant
pH(1% solution)	:	7 +/- 1
Ionic nature	:	nonionic
Solubility	:	Easy to dissolve in cold water

### Special feature:

1. Powerful emulsifying and dispersing properties.
2. Good penetrating and scouring properties.
3. Suitable for pretreatment and one bath scouring/dyeing process.
4. Suitably combine with anionic scouring or bleaching agents.
5. Non-solvent type surfactant.

### Application

1. For general scouring and emulsifying:  
HSINSOU SEN-40 : 0.5~1 g/l  
98°C×30 min.

2. For oil stained fabrics:

HSINSOU SEN-40 : 0.5 ~ 1g/l

HSINSOU TS-NEW : 1 ~ 2 g/l

NaOH : 1 ~ 2 g/l

98°C × 30 min.

3. For one bath dyeing:

a. For polyester

HSINSOU SEN-40 : 1 ~ 2g/l

HSINSOU BSR(Dyeing bath softener) : 1 ~ 2g/l

HSINSOU RDT-27(Dispersing & leveller) : 0.5 ~ 1.5g/l

Disperse dyes : X%

pH: 4.5 ~ 5.5 120 ~ 130°C × 30min.

b. For nylon

HSINSOU SEN-40 : 1 ~ 2g/l

HSINSOU BSR(Dyeing bath softener) : 1 ~ 2g/l

HSINSOU NY-131(133)(acid dyes leveller) : 1 ~ 2g/l

Acid dyes : X%

pH: 3 ~ 4 100°C × 30min.

for reducing foaming, prefer to add at 80°C

Note: full evaluation is recommended prior to commercial usage.