



HSINSOU TCS - 400

Scouring & penetrating agent

HSINSOU TCS-400 is a low foam scouring & penetrating agent with excellent wetting ,dispersing and emulsibility . It is suitable for scouring & bleaching process for synthetic and cellulose fibers .

General properties :

- Appearance : Lightly yellowish liquid
- Composition : Special nonionic and sulfonated surfactants
- Ionic nature : Anionic /nonionic
- pH (1% solution): 7.5 +/- 1.0
- Solubility : Easy to dissolve in cold water

Special features :

1. Low foaming.
2. Highly emulsibility and dispersing character.
3. Excellent scouring & penetrating properties.
4. Suitable for scouring & bleaching for cellulose & synthetic fibers.

Application :

- a. Scouring & bleaching for cotton 、 T/C fibers :
 - Recommended dosage :
 - HSINSOU TCS - 400 : 0.5 ~ 1.0 g/l

HSINSOU AZ - 170 : 1.0 ~ 2.0 g/l
HSINSOU A - 20 : 0.5 ~ 1.0 g/l
NaOH (99%) : 1.0 ~ 3.0 g/l
H₂O₂ (50%) : 4.0 ~ 8.0 g/l
Temp.×Time : 98 ~ 110°C×30 ~ 60min.

b. Scouring for synthetic fiber :

Recommended dosage :

HSINSOU TCS - 400 : 0.5 ~ 1.0 g/l
NaOH (99%) : 0.5 ~ 2.0 g/l
Temp.×Time : 98°C×20 ~ 30 min.

c. Soaping process :

Recommended dosage :

HSINSOU TCS - 400 : 0.5 ~ 1.0 g/l
NaOH (99%) : 0.5 ~ 2.0 g/l
Temp.×Time : 85 ~ 95°C×15 ~ 20 min.

Note: full evaluation is recommended prior to commercial usage.