



HSINSOU A-20

Hydrogen peroxide stabilizer

HSINSOU A-20 is a stabilizer for hydrogen peroxide bleaching. Hydrogen peroxide has many advantages, but if there were trace metals in the treated water, it would cause rapid breakdown of the hydrogen peroxide, $2\text{H}_2\text{O}_2 \rightarrow 2\text{H}_2\text{O} + \text{O}_2$. The addition of HSINSOU A - 20 can control the liberation of oxygen, hence, more efficient use of its bleaching effect on the substrate. $\text{NaOH} + \text{H}_2\text{O}_2 \rightleftharpoons \text{HO}_2^- + \text{Na}^+ + \text{H}_2\text{O}$.

General properties :

Appearance	:	Yellow transparent liquid
Composition	:	Special anionic surfactant
Ionic nature	:	Anionic
pH (1% solution)	:	6.0 +/- 1.0
Solubility	:	Easy to dissolve in cold water

Special features:

1. Highly efficient stabilizer for hydrogen peroxide in bleaching.
2. Improves bleaching efficiency of hydrogen peroxide .
3. Stable in alkaline solution.
4. Effective water softening by decreasing hardness.
5. Eliminates silicate spots.
6. Suitable for use in scouring, bleaching , and dyeing of cotton and polyester/cotton piece dyeing.

Application:

HSINSOU A - 20 recommend dosage : 1 ~ 2 g/l

Ex. scouring & bleaching for cotton 、 polyester/ cotton :

HSINSOU TCS-300 : 0.5 ~ 2 g/l

HSINSOU AZ-170 : 1 ~ 2 g/l

HSINSOU A -20 : 1 ~ 2 g/l

H₂O₂ (50%) : 4 ~ 8 g/l

NaOH (99%) : 1 ~ 3 g/l

Temp.×Time : 98°C × 30 ~ 60 min.

Note: full evaluation is recommended prior to commercial usage.