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TS

Three-in-one scouring agent

TS is a very effective non-solvent scouring & oil removing agent with improving water quality character. It is suitable for scouring & bleaching all kinds of fibers and soaping reactive dyestuff.

General properties:

Appearance	:	White paste
Composition	:	STPP & special emulsifier compound
Ionic nature	:	Nonionic / anionic
pH (1% solution)	:	11.5 +/- 1.0
Solubility	:	Dissolved in warm/hot water

Special features :

1. Excellent eligibility, dispersibility and penetrating properties.
2. Easy remove oil-spotted and rust dirt on fabric and can prevent it from re-deposition.
3. Recommended temperature is 80°C.
4. Improve the water quality.
5. Stable in alkali solution.
6. Suitable for any fiber/fabric in scouring & bleaching process.

Application:

Scouring & bleaching process

Polyester :

Recommend dosage :

TS : 0.5 ~ 1.0 g/l
PES-480 : 0.2 ~ 0.5 % (o.w.f.)
Temp. × Time : 130°C × 30 ~ 45 min.

Recommend dosage :

TS : 0.5 ~ 1.0 g/l
PES-480 : 0.2 ~ 0.5 % (o.w.f.)
CA-250 : 0.5 ~ 2.0% (o.w.f.)
Temp. × Time : 98°C × 45 ~ 60 min.

Cotton :

Recommend dosage :

TS : 1 ~ 2 g/l
NC-280 : 0.2 ~ 0.4% (o.w.f.)
H₂O₂ (50%) : 5 ~ 8 g/l
NaOH : pH 11 ~ 13
Temp. × Time : 98 ~ 110°C × 30 ~ 60 min.

Soaping process :

Recommend dosage :

TS : 0.5 ~ 1.0g/l
Temp. × Time : 85 ~ 98°C × 20 ~ 30 min.

Scouring process :

Recommend dosage :

TS : 1.0 ~ 2.0 g/l

Temp. × Time : 98°C × 30 ~ 45 min.

※ If more oil content ,please combine with
AMEN conc. 1.0 ~ 2.0 g/l

※Treated in 80°C , there will be less foam

Note: full evaluation is recommended prior to commercial usage.