

ILTOL CS-AC

(CHELATING AGENT)

ILTOL CS-AC is a chelating agent which has the effect of the reduction of process, vivid colors, touch development, and colloid preservation. When it comes to hydrogen peroxide bleaching, it raises the value of white color the more white. And ILTOL CS-AC prevents saponification and pinholes.

■ SPECIFICATIONS ■

Chemical Component	: Special polymer compound surfactant
Stability	: Stable in acid and alkali electrolyte
pH(1% Solution)	: 6.5 ± 0.5
Ion	: Anionic
Solubility	: Easily soluble in water

■ FEATURES ■

1. ILTOL CS-AC has no bubble.
2. ILTOL CS-AC has no reduction of surface tension, and it has also excellent effect of chelating Ca^{++} , Mg^{++} and Fe^{++} .
3. ILTOL CS-AC is good at dyeing evenly in case of cheese dye.
4. ILTOL CS-AC is not much effected by pH range.

■ APPLICATION ■

1. Scouring and Bleaching

- NaOH (45 %)	: 10g/l
- ILTOL SW 4	: 1.5g/l(Scouring agent)
- H_2O_2 (35 %)	: 8.0g/l
- ILTOL CS-AC	: 6 ~ 8.5g/l(No needed hydrogen peroxide stabilizer)

2. Dyeing

It is used 2 ~ 3g/l in dyeing by direct, reactive, and Vat dyestuff.

■ APPLICATION ■

3. Reduction Cleaning

- NaOH (45 %) : 2g/l
- Hydro Sulfite : 2g/l
- ILTOL SW3 : 2g/l(Reduction cleaning agent)
- ILTOL CS-AC : 1.5g/l

4. Saponification after Alkali reduction (as dispersion of oligomer)

- Soda Ash : 1.5g/l
- ILTOL SW 3 : 1.0g/l
- ILTOL CS-AC : 1.5g/l

■ Test Results ■

1. After scouring and bleaching

Product	Sewing	Touch	Color of white
ILTOL CS-AC	Excellent	Excellent	Excellent
A Product	Normal	Normal	Normal

2. Dispersion metallic salt

Product	Fe ⁺⁺ Dispersibility	Ca ⁺⁺ Dispersibility	Mg ⁺⁺ Dispersibility
ILTOL CS-AC	A	A	B
D Product	A	B	B
P Product	C	B	B

※ Remarks : A – Excellent, B – Good, C – Not Good

- The dispersibility of Fe⁺⁺ : After 30 minutes of shaking, and more 1 hour lapse.
- The dispersibility of Ca⁺⁺ : Soon after shaking as milk-white, settlings status.
- The dispersibility of Mg⁺⁺ : Following as the Ca⁺⁺ 's method.

■ PACKING UNIT ■

100kgs and 200kgs PVC Drum