# How to Scour & Bleach Acetate

Acetate generally is received by the manufacturing plant in a clean white form which generally does not require bleaching. However, bleaching may be necessary to obtain a certain white desired by the customer. Bleaching procedures generally require initial steps for foreign material removal from the fiber as the actual bleaching process may *trap* the soils and stains. These steps include desizing, mercerizing, and scouring. The goal of bleaching is to attain the maximum whiteness with minimum fiber strength loss, in addition to the removal of oils, waxes, and sizing, foreign matter, and promotion of fiber absorbency.

## *Scouring of Acetate*

Scour goods for 30-45 minutes in a bath at 170°F(76°C) containing:

1.0% **Orconol CHSA Conc™** on weight of goods(owg)

0.07 oz/gal(0.5 g/L) Tetrasodium Pyrophosphate(TSPP)

Drop bath and rinse goods well.

It is very important that the pH does not exceed 9.0 as saponification of the fiber may occur.

An optional procedure is to run goods for 30 minutes in a bath at 170°F(76°C) containing 1-2% owg **Orcoterge 35-C™**. After scouring, drop bath and rinse well.

## *Bleaching of Acetate*

During the bleaching of acetate it is important that the pH does not exceed 9.0 which may cause saponification of the fibers. In a bath at 150°F(66°C) add:

| | |
|---|---|
| 3.75 lb/100gal(.37kg/100L) | Hydrogen Peroxide 35% |
| 1.0% owg | **OrcoTerge ALK-N Conc™** |
| 2 lb/100gal | Peroxide Stabilizer |

Run for 1 hour, drop bath, and rinse warm.

Rhode Island Division
65 Valley Street
East Providence, RI 02914
Tel: 800-556-6784
Tel: 401-434-3300
Fax: 401-438-8136

North Carolina Division
1015 Concord Parkway North
Concord, NC 28027
Tel: 800-783-6955
Tel: 704-786-1118
Fax: 704-786-2415

Shanghai Division
Tel: 021-56630119
Fax: 021-56329220

E: info@organicdye.com

www.organicdye.com

ISO 9001 Certified