



**T&T INDUSTRIES CORP.**

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## Taigal SET

### Levelling agent for acid and metal complex dyes

#### I. Properties

1. Appearance : Yellowish brown, liquid.
2. Ionic activity : Amphoteric.
3. Main component : Sulfonate and ester compound.
4. Storage : Good storability.
5. pH (1% sol.) :  $8.0 \pm 1.0$
6. Solubility : Easily soluble with cold water and warm water.

#### II. Features

1. Taigal SET has an outstanding levelling and migrating properties for dyeing Nylon and Wool with acid and metal complex dyes.
2. Taigal SET shows an excellent penetrating effect.
3. Taigal SET is stable in acid or alkali, and hard water.
4. Taigal SET can also be used in the process of rinsing printed Nylon or Wool fabric without bleeding the white ground.
5. Taigal SET is useful for repairing of uneven goods and barre coverage.

#### III. Application

##### 1) Dyeing

1. Put Taigal SET and HAC in a dye bath for 5~10 minutes.
2. Add dye solution.
3. Heat the dyeing bath to 98~100°C slowly.
4. Keep the dyeing bath at 98~100°C for 30~60 minutes.

##### 2) Recommended recipe

Light shade: 1.5 - 2.0 %

Medium shade: 1.0 - 1.5 %

Deep shade: 0.5 - 1.0 %

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