**TECHNICAL DATA SHEET**

**HUNTEX OW-119: REDUCTION CLEARING AGENT.**

Huntex OW-119 is a reduction agent, it replace the traditional reduction agent such as hydrosulfite.

It’s used in the reduction clearing process after polyester dyeing to remove unfixed dyes from polyester fiber and remains in solution as well as in stripping treatments for faulty dyed fabrics with reactive and direct dyes.. With the strong reducing ability, the treated fabric obtains a high color fastness and brightness.

***General characteristics***

* Appearance : white powder
* Ionicity : Nonionic
* pH : 3.0 ± 1.0 (25OC, 1% aqueous solution)
* Solubility : soluble in water.

***Features & Benefits***

* The product is suitable for reduction clearing processes of dyed polyester fabric, enhances the washing and rubbing fastness of dyed fabric, the treated fabric achieves the brightness.
* The product is also used in stripping processes of faulty dyed cotton fabric, treated fabrics have no yellowing or darkening effect. The stripped cotton fabric achieves the whiteness and very convenient for re-dyeing process.
* The product has no bad smell like hydrosulfite
* With the strong reducing ability, its dosage is low, its cost is low.
* The product is less impact on the environment.The amount of sulfur realeased into the environment less than hydrosulfite. The COD of waste-water is low.

***Application and Dosage***

* **Application method**:

With reduction clearing process for dyed polyester fabric. First, add caustic soda to the bath, then heat the bath to 80°c. At this temperature, Huntex OW-119 is added to the bath and then continuos treat at this temperature for 20 min.

With stripping process for faulty cotton fabric, the temperature of bath can increased to 98°c

* **Recommended dosage:**

Dosage of Huntex OW-119 depents on the depth of shade of the dyeings.

* + - * NaOH : 1.0- 2.0 g/l.
      * Huntex OW-119: 1.0- 2.0 g/l.

***Storage and Packaging***

- Store the product in a cool, ventilated place. Keep away from heat and direct sunlight. Avoid contact with air and moisture.

- Product is available in 25 kg plastic bag.

**Preservation:** It is recommended to add 0.1% Bronopol (2-Bromo,2-nitropropane, 1,3-diol) or Methyl Paraben (methyl para hydroxy benzoate) as an antimicrobial agent to avoid fungal / microbial growth.