

## DISPERSANT NS CONC

**Dispersant NS conc.** is a highly effective low foaming dispersing agent for use in disperse dyeing polyester and polyester blends at atmospheric and high temperatures. It also finds application in the dyeing of polyamide .

**Appearance** : Dark brown liquid  
**Ionic character** : Anionic  
**pH ( 1% aqueous )** : 7-8

### Chemical composition

**Dispersant NS conc.** is an aromatic sulphonate .

### General properties

- 1 - Exhibits excellent dispersing properties towards disperse dyestuffs used for polyester and polyamide dyeing.
- 2 - Is exceptionally stable to high temperature conditions and prevents aggregation of dyestuff during the dyeing cycle.
- 3 - Has no adverse effect on the fastness properties of disperse dyes.
- 4 - Gives a high color yield in the bath.
- 5 - Can be used in diluted forms for pasting disperse dyestuffs into fine dispersions for addition to the bath.
- 6 - Is readily soluble in cold water to any dilution to product low foaming solutions.

### Application

**Dispersant NS conc.** may be added directly to the dye bath or optionally an aqueous dilution may be pasted out with the dyestuff addition.

**Dispersant NS conc.** can also be employed as a dye dispersant in the reduction clear bath using normal times and temperatures.

Normally 1.0 g/1 **Dispersant NS conc.** is recommended for addition to the dye bath. In the case of winch dyeing the quantity may be reduced to 0.5 g/1 and for the more demanding conditions of beam dyeing 2 g / 1 is suggested.