

## Orcotol MN Powder™

**Orcotol MN Powder™** is a protective oxidizing agent which inhibits reduction in scouring, dyeing, and printing with direct, reactive, and disperse dyes.

### Physical Properties

<b>Chemical Type</b>	Sulphonated aromatic hydrocarbon
<b>Appearance</b>	Cream colored powder
<b>Ionic Classification</b>	Anionic
<b>Odor</b>	None
<b>Solubility</b>	Water soluble
<b>Bulk Density</b>	6 lbs / gallon
<b>pH</b>	7 – 8 for a 1% solution

### Applications

- Reduction prevention for reactive dyes
- Prevention of facing in discharge printing
- Alkaline boiling assistant for vat dyed or printed materials
- Prevention of fixation of vat dyes in overprinting

### Procedures

For reactive dyes, greenish-yellows and anthraquinone based blues are particularly susceptible to reduction. Inclusion of 1% **Orcotol MN Powder™** in all formulas will prevent reduction.

0.5 - 1.5 oz/gal of **Orcotol MN Powder™** assists in alkaline or kier boiling of vat dyed or printed materials before bleaching. Its use prevents reduction, stripping and/or marking off. It is not used in pressure kier boiling of colored materials.

**Orcotol MN Powder™** prevents fixing of vat colors when they are over printed. This use needs a high concentration of 10 - 20% in the printing paste.

**Orcotol MN Powder™** prevents doctor blade streaks and/or facing in discharge printing of colored goods. In this use, the depth of the ground color is maintained when there is carry-over of the discharge agent. A solution containing 0.5 - 1.5 oz/gal may be padded onto material to be discharged. Alternately, a 1.5 - 2.5 oz/gal solution may be applied on the print machine.