



ORGANIC DYESTUFFS CORPORATION

CORPORATE OFFICE

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ORCOTOL MN Powder®

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

Properties:	<i>Appearance and Form -</i>	Cream colored powder
	<i>Ionic Classification -</i>	Anionic
	<i>Odor -</i>	None.
	<i>pH -</i>	7 - 8 for a 1% solution
	<i>Solubility -</i>	Water- soluble
	<i>Bulk Density -</i>	6 lbs / Gallon

Applications: The mild oxidizing effect of **Orcotol MN Powder** is useful as:
An assistant with reactive dyes to prevent reduction.
An assistant to prevent fading in discharge printing.
An alkaline boiling assistant for vat dyed or printed materials.
A resist to prevent fixing of vat colors in overprinting.

Procedures: **Orcotol MN Powder** is recommended for use with all classes and brands of reactive dyes when reducing conditions are present. This includes all print processes where there is a combination of moisture, alkali, and cellulose present. (It is not necessary with dry heat). Included also are most continuous range processes.

With fiber reactive dyes, the reducing conditions present under hot dyeing conditions (175-190°F(79-88°C) @ pH near 12) are strong.

Procedures: It is to be noted that the greenish-yellows and anthraquinone based blues are particularly susceptible. Other colors may not need protection. However, inclusion of 1% **Orcotol MN Powder** in all formulas will prevent reduction.

Orcotol MN Powder, from 0.5 to 1.5 oz / gallon, 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 medium.

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 to 1.5 oz / gallon may be padded onto material to be discharged. Alternately, a 1.5 to 2.5 oz/gallon solution may be applied on the print machine.

Notes: Packaging - 20 Gallon container - 120 lbs net.

C O L O R A N T S F O R A L L I N D U S T R I E S

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