

ORCO NAP ASSISTANT PD™

ORCO NAP ASSISTANT PD is a nonionic napping assistant, lubricant, and softener. It is recommended for use on cellulose, synthetics, and fiber blends

Physical Properties

Chemical Type	Polyglycol - fatty acid acid ester
Appearance	White to off-white fluid emulsion
Solubility	Dispersible in water
pH	7.0 to 9.0
Solids	18% to 20%

Advantages

Improves fiber lubricity and lowers dusting when applied as a topical finish lubricant to fabrics that will be napped or sanded.

As a softener, can be applied in bath or by pad applications and is compatible with other finishing auxiliaries.

Acts as an anti-crushing / anti-creasing agent in wet processing because of its lubricating properties making it effective for processing velvets and flocked fabrics.

Application

Jet and Beck Dyeing: as a dyebath lubricant, use 1.0 – 2.0 grams/liter Orco Nap Assistant PD to the pre- scour, dyeing, and rinse bath. This is for fabrics in rope form.

Beams: use 1.0 – 2.0% Orco Nap Assistant PD on weight of goods as a beam lubricant or napping assistant for both atmospheric and pressure dyeing.

Finishing: use 1.0 – 5.0% Orco Nap Assistant PD on the weight of the bath for pad applications. Use 2.0% Orco Nap Assistant PD on weight of goods in the final rinse of the dyeing process.

Storage and Handling

Store product in a cool environment. If viscosity is an important process factor, avoid long exposures in conditions at 40°C and above to prevent viscosity of the product from increasing above 250 cPs.

Viscosity is not a metric regarding quality of the product's application function and high viscosity material can still be used at the recommended application parameters described above.

Information contained in this technical data sheet is up-to-date and correct to the best of our knowledge at the date of issue and are subject to change. As Organic Dyes and Pigments LLC cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. Organic Dyes and Pigments LLC will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given.

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