



ORGANIC DYESTUFFS CORPORATION

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ORCO SUNGUARD NC-3®

Description: **Orco Sunguard NC-3** is an ultra-violet(UV) absorber that significantly improves the lightfastness of disperse dyed polyester fabrics and yarns particularly in the automotive upholstery and floor coverings industries. This product is characterized by having extremely micronized particles in dispersion. **Orco Sunguard NC-3** is especially suitable for package dye applications. **Orco Sunguard NC-3** is designed to prevent particle coagulation in the dye bath and redeposition on the dyeing equipment due to the good dispersion stability and the high exhaustive performance at high temperatures.

Properties:

<i>Appearance-</i>	white milky emulsion
<i>Composition-</i>	anionic nitrogen compound
<i>pH-</i>	approximately 8 for a 5% solution
<i>Solubility-</i>	Dissolves in cold water

Advantages: **Orco Sunguard NC-3** is not affected by a reduction clearing process after dyeing.

Applications: Applicable to polyester fibers. **Orco Sunguard NC-3** can be used for continuous dyeing. Care must be taken, however, to prevent thermal migration. **Orco Sunguard NC-3** is completely suitable for package dye applications.

Procedures: **Orco Sunguard NC-3** is normally used for high-temperature batch exhaustion processes in conjunction with dye. The optimum usage level depends on the nature of the polyester fiber, depth of shade, and lightfastness requirements. The initial recommendation is 2% owf.

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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