

## Orco Sunguard NC-3™

**Orco Sunguard NC-3™** is an ultraviolet(UV) absorber that significantly improves the lightfastness of disperse-dyed polyester fabrics and yarns particularly in the automotive upholstery and floor coverings industries. **Orco Sunguard NC-3™** is characterized by having extremely micronized particles in dispersion and 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 excellent dispersion stability and high exhaustive performance at high temperatures.

### Physical Properties

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

### Advantages

Not affected by a reduction clearing process after dyeing.

### Applications

- Polyester fibers
- Continuous dyeing
- Package dyeing

### 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% on weight of fabric.