



PRE-TREATMENT & FWA'S

LEVASALT[®] AY

The sublime solution for problems
related to phenolic yellowing

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LEVASALT[®] AY

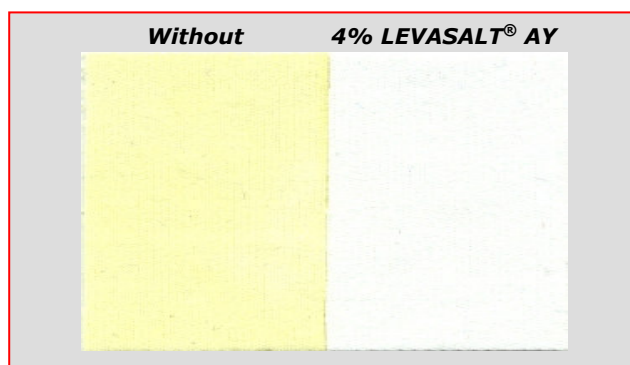
The yellowing of white or pale shades of textile goods and their applications during storage is a well known fact. Polyamide is very susceptible to this phenomenon.

The main reasons for yellowing are:

- * anti-oxidants and stabilizers present in packaging materials, lubricants, back coating and foams;
- * reaction of the fibre with atmospheric pollution such as nitrogen oxides
- * low light fastness of Fluorescent Whitening Agents.

There are many customers who are looking for a solution to phenolic yellowing. TANATEX Chemicals offers **LEVASALT[®] AY** as a special inhibitor to prevent phenolic yellowing on polyamide fibers.

LEVASALT[®] AY prevents phenolic yellowing specially by anti-oxidants in packaging material, such as BHT (**B**utylated **H**ydroxyl-**T**oluene) but also by NO_x fumes in warehouses. The following photo clearly demonstrates the high efficiency of the product.



(results from Phenolic Yellowing test kit)

Application

LEVASALT[®] AY can be jointly applied in optical brightening and dyeing process. It differs from traditional anti-yellowing treatments, e.g. by passing through or immersing fabric in an acidic bath before setting or drying. The amounts to be used are: 2 – 4 % **LEVASALT[®] AY**.

1. One-bath application – for optical brightening

LEVASALT[®] AY can be jointly applied with selected BLANKOPHOR[®] in one dye bath. Thus the anti-yellowing effect can be obtained simultaneously.

2. Two-baths application – for optical brightening and colour dyeing

For a two baths application, first conduct optical brightening and dyeing processes as usual. Then charge a new bath for anti-yellowing treatment.

3. One-bath two step process – for colour dyeing

For a one-bath two step process, add **LEVASALT[®] AY** into the dye bath first. After a brief pre-run add the pre-dissolved dyestuffs. It is not necessary to use any other leveling agent.