

TC ACID DONOR SWP

Highly effective acid donor for dyeing
polyamide and wool



Storage

Product changes may occur at temperatures above 40 °C. The product can be used again without limitation after cooling off and stirring. Protect against direct sunlight.

The product can freeze if stored below 0 °C for a longer period. The product can be used again without limitation after thawing and careful stirring.

For further notes on safe handling, see the safety data sheet!

The recommendations and information in word and text on our products here are based on comprehensive research work and correspond to our current experience from textile refinement. The information is deemed non-committal – also regarding property rights of third parties and foreign legal provisions - and shall not release the user from testing products and procedures for suitability for his use directly. In particular, we assume no liability for any purposes not expressly named by us in writing. We reserve technical changes in the scope of new product developments. We refer to our general sales and delivery conditions, item 7, in case of damage.

Properties and Advantages of TC Acid Donor SWP

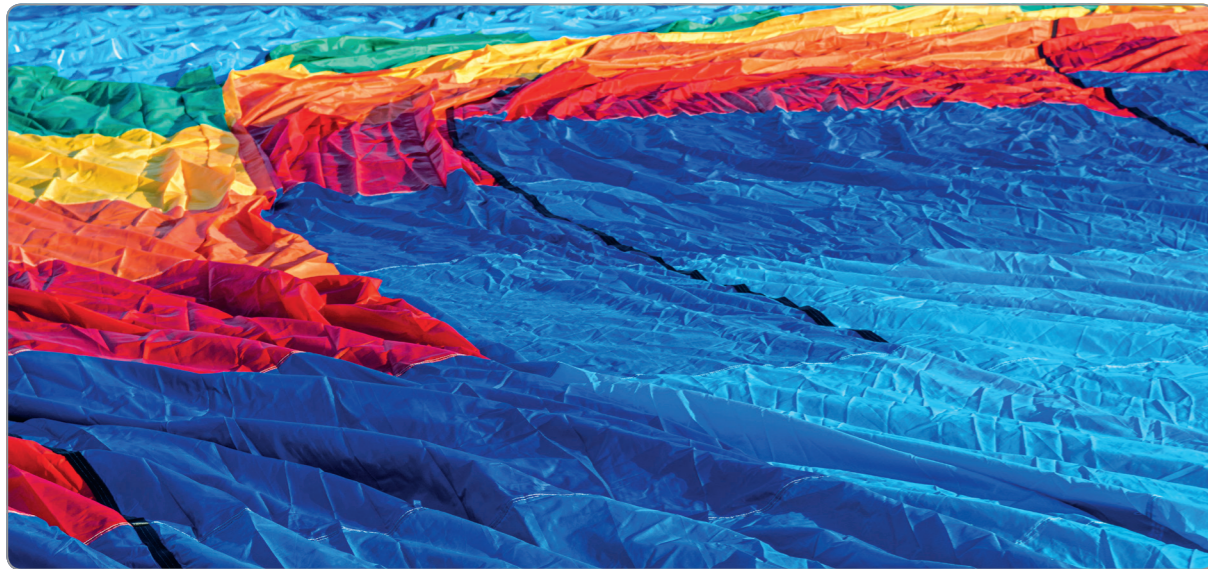
- ✓ Colourless, clear liquid
- ✓ Density approx. 1.2 g/cm³
- ✓ Can be distributed in cold water at any ratio
- ✓ Hard-water-resistant
- ✓ Acid-resistant
- ✓ Low-foaming
- ✓ Effects excellent levelness, short dyeing times and high reproducibility even under unfavorable dyeing conditions
- ✓ Alkali-sensitive

Composition

Carbon-acid ester

Ionogenicity

Nonionic



Application areas

TC Acid Donor SWP is used when dyeing polyamide fibres and wool with acid and metal complex dyes. Dyeing starts in the neutral to weakly alkaline medium, the most beneficial conditions for even distribution of the dye. The product leads to a gradual shift of the pH value into the acidic area, which achieves optimal exhaustion of the dyes. It is of advantage that best levelness, outstanding reproducibility and shorter dyeing times result even under very unfavorable dyeing conditions.

Use of a suitable levelling agent, such as **Alvicon P 96** in wool, or **Alvicon CNF** in polyamide increases these advantages.

TC Acid Donor SWP does not impair light-, wet- and rubbing-fastnesses.

Application

Solving recommendation

TC Acid Donor SWP is added directly to the dyeing liquor.

Amounts

0.2 – 2.0 ml/l	TC Acid Donor SWP
0.5 – 2.0 %	Alvicon P 96 / Alvicon CNF
x %	Dye

Procedure for polyamide:

- Add auxiliaries and TC Acid Donor SWP
- Start at 30 °C
- Run the lead time
- Add dye
- Slowly heat to dyeing temperature
- Complete dyeing at dyeing temperature

Procedure for wool:

- Add auxiliaries and TC Acid Donor SWP
- Start at 30 °C
- Run the lead time
- Add dye
- Slowly heat to dyeing temperature
- Complete dyeing at dyeing temperature

