



OEKO-TEX®  
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Textile chemicals. Tested and verified.  
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# ESKA® LET DA-APC

CHELATING AND DISPERSING AGENT



ESKA® LET DA-APC is a special weak anionic polymer, which has most effective chelating and dispersing ability in preventing various problems in the wet process for all kind of fibers.



# ESKA®LET DA-APC

## CHELATING AND DISPERSING AGENT

With ESKA®LET DA-APC, PT. ChemStar Indonesia experts found a way to combine top-quality with cost-efficiency. Water hardness damages the fibres during the scouring, bleaching and dyeing process. This can lead to colour differences and lower quality. As a dye house manager, you probably use chelating and dispersing agents to solve this problem. But as the best ones available are expensive, balancing performance and costs is a challenge.



### ESKA®LET DA-APC

The dyeing industry is one of major consumers of the industrial water. The industry has therefore been concentrated into areas where a high quality water supply available. Now the development of superior chelating and dispersing agent is gradually releasing this restriction. **ESKA®LET DA-APC** is a special weak anionic polymer, which has most effective chelating and dispersing ability in preventing various problems in the wet process for all kind of fibers.

### Compatibility and certified

Chelating and dispersing agent may have great features as a stand alone product, but it can still affect the functioning of other auxiliaries and the environment.

#### ESKA®LET DA-APC :

- Eco-Passport by Oeko-tex
- Compatible with all anionic and non-ionic auxiliaries
- Stable to acids, alkalis and electrolytes in concentration used in dye houses

### General Properties

<b>Appearance</b>	: Clear liquid
<b>Ionicity</b>	: Anionic
<b>pH value</b>	: 2.00-4.00
<b>Solubility</b>	: Easily soluble in water

### Product Features:

- Excellent in dispersing ferro, silicate and calcium salt in natural fibers or water and is thus effective in preventing scale deposition on equipment or absorption onto the fibers.
- It acts as an effective oligomer-dispersing agent for synthetic fiber, especially for polyester fiber.
- In the bleaching process with Hydrogen Peroxide, it can be prevent pinhole problem because of Ferro ion, to give soft hand touch and improve the whiteness to cotton.
- Control of dyeing and the stabilization of shade in dyeing with direct, reactive or disperse dyes, improves the brightness, levelness and washing or rubbing fastness.
- Has superior ability as soaping for reactive dyes and avoids the formation of soap scum in washing and thus makes rinsing easier.
- Anionic sizing agent are used for woven fabrics, such as Acrylic, CMC and PVA type become insoluble in hard water.  
**ESKA®LET DA-APC** is effective in dispersing and emulsifying these sizing agents.

# ESKA®LET DA-APC

## CHELATING AND DISPERSING AGENT



### Good Chelating and Dipersing Ability

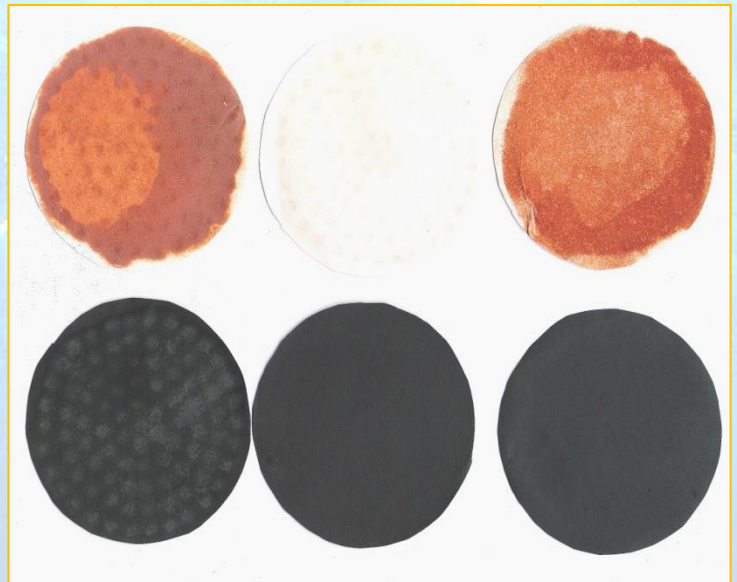
#### ESKA®LET DA-APC

Chelating & Dispersing Ability of 100 ppm  $\text{Ca}^{2+}$  and  $\text{Fe}^{3+}$  at boil temperature  
(Chelating Agent= 1 g/l)

100 ppm  $\text{Fe}^{3+}$

This image show the  $\text{Ca}^{2+}$  and  $\text{Fe}^{3+}$  chelating properties of  
**ESKA®LET DA-APC**

100 ppm  $\text{Ca}^{2+}$



BLANK | ESKA®LET DA-APC | EDTA 4 Na





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