

SEQUION A/2

Sequestering and dispersing agent for textile treatment even in dyeing

COMPOSITION:

Phosphonate / carboxylates

PROPERTIES:

Appearance: Yellowish limpid liquid

Density at 20 °C : 1.19 g/ml

pH : 4 - 5

Physical / Chemical properties:

Solubility in water: complete in any proportion

Stability to electrolytes: very good, higher than 50 g/l anhydrous sod.

Sulfate

Stability to pH variations: very good both in acid and alkaline media

Sequestering power: 1 g of **SEQUION A /2** chelates:

	mg Fe ³⁺	mg CaCO ₃
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at pH 10	about 125	150
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at pH 12	about 187	120
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Storage stability: very good in normal room conditions for 12 months. Below 0 degree it tends to get solid

Packages: mild steel: not suitable;

inox 316 and polyethylene: suitable

cautions: strongly aggressive for the eyes; because of its strong acidity, it must be handled with care.

SEQUION A /2 is a new sequestering agent with high and wide performance and high yield in comparison with price.

It has got the best quality of phosphates (hardness correction, hydrolysis stability, and use in dyeing) and of carboxylate (sequestering power of the iron and dispersing power) improves the effects even in alkaline bath.

SEQUION A /2 is not only sequestering but also dispersing anti flocculating, anti crease, anti corrosion agent a protective, suspending, solubilizing, stability colloid for bleaching in hydrogen peroxide and plasticizing and desizing.

SEQUION A /2 finds its largest use in many dyeing operations.

Preparation of solutions:

SEQUION A /2 may be easily diluted in water at room temperature; it can be doses with the latest automatic equipment, without any predilution.

Amounts to be used:

An indicative recipe for linen fabric, to be used on jigger, is given hereunder:

- In washing – Alkaline scouring – bleaching with hydrogen peroxide
From 1 to 3 gm/l of **SEQUION A /2** can be used.
- In oxidizing desizing cotton fabrics, pad batch
From 3 to 6 gm/l of **SEQUION A /2** can be used.
- In dyeing from 0.5 to 3 gm/l of **SEQUION A /2** can be used ,in vat dye it is advise to operate with amount not higher than 1 gm/l this due to the product strong dispersing power, which can reduce exhaustion of the dyestuffs, particular with the light shading.
- In soaping from 0.5 to 2 gm/l of **SEQUION A /2** in particular for dye and prints obtained with reactive dyestuffs, alone or together with a surfactants.