

# QUICK-FLOW GKS POWDER

**COMPOSITION** Preparation of buffer salts, uncharged

**USES** Auxiliary for optimum pH-control when dyeing cellulosic fibres with reactive dyestuffs.  
Increases dyestuff yield, fixation level and reproducibility with reactive dyeing on cellulose

**PROPERTIES**

- Compatible with all textile auxiliaries, chemical and dyestuffs commonly used in reactive dyeing
- Reduces load on effluent
- Guarantees constant and reproducible fixation conditions
- Used as soda ash replacement for fixation of reactive dyes
- Low Foaming

**TECHNICAL DATA** - Colourless to slightly yellow liquid  
 - Specific Gravity at 20°C 1.45 – 1.52  
 - pH (1%) – 12.5±0.5

**APPLICATION**

QUICK-FLOW GKS POWDER is an alkaline buffer for the dyeing of CO, linen as well as regenerated cellulose with reactive dyestuffs. It is added to the dye bath subsequent to the addition of dyestuff and salt.

QUICK-FLOW GKS POWDER offers advantages against the usual alkali systems, particularly with regards to handling. Thus the time-consuming dissolving of alkali when using soda ash or caustic soda flakes is no longer necessary with QUICK-FLOW GKS POWDER.

QUICK-FLOW GKS POWDER can be used to replace soda ash in dyeing operations and to be used in 1/5<sup>th</sup> ratio to Soda Ash.

QUICK-FLOW GKS POWDER can also replace the Soda ash |Caustic Soda combinations for dyeing recipes.

Liquor Ratio	Depth of Shade		
	Light	Medium	Dark and extra dark shades
01:05	2.5 – 3.0	3.0 – 4.0	4.0 – 4.5
01:10	2.0 – 2.5	2.5 – 3.0	3.5- 4.5
01:20	1.5 – 2.0	2.0 – 2.5	2.5 – 3.5

# Quickfix Chemicals

The required quantity of QUICK-FLOW GKS POWDER depends on dyestuffs.

To realise optimised process times with maximum reproducibility and levelness, we recommend the use of QUICK-FLOW GKS POWDER in combination with the tried and tested reactive dye leveller QUICKSIL RLC LIQUID.

## STORAGE

If stored below 0°C, the product may solidify and/or change its consistency. After heating to 20 - 25°C and thorough mixing, the product can be used again without any problems.

## ATTENTION

The above recommendations are based on comprehensive studies and experience made in practical finishing. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the application are suited for his very special purposes.

We are, above all, not liable for fields and methods of application which have not been put down by us in writing.

Advice for marking regulations and protective measures can be taken from the respective safety data sheet