

Neutracid series

Neutracid CAN

Core alkali neutralizer to be used in all stages of textile wet-processing.

INTRODUCTION

It is widely known that pH control is an easy operation to be carried out. However, it is the most difficult feature in any industry. The control of pH in textile coloration processes is ensured by three fundamentally different techniques:

- the maintenance of relatively high degree of acidity or alkalinity
- the control of pH within fairly narrow tolerances mainly in the neutral region
- the gradual shifting of the pH as a coloration process proceeds

In textile wet processing, it is required to remove residual alkali and do neutralisation of the textile goods to enhance the quality and reproducibility of the subsequent processing steps. The cleaned goods ensure trouble free dyeing and the corresponding low conductivity levels are beneficial for an optimal printing result too.

Neutracid CAN is a strong Core alkali neutralising agent. Its synergistic association of organic acids allows a perfect adjusting of the desired pH on the whole range.

FEATURES

- Maintains a constant pH during the dyeing process.
- Maintains constant pH on the fibre during finishing process.
- No risk of fibre damage
- Stable at high temperature.
- No foaming.
- Performs action of sequesterant as well.
- Acts as neutralizer and buffer
- Biodegradable and free from sulphates, chlorides and phosphates.

STALWART ADVANCE MATERIAL INDS

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PROPERTIES

Appearance	Clear colorless liquid
pH	approx.3.0
Ionic character	Anionic
Compatibility with -	
Cationics	Poor
Anionics	Good
Non-ionics	Good
Stability to -	
hard water	Good
temperature	Good

SCOPE OF APPLICATION

In contrast to volatile acids, such as acetic acid, **Neutracid CAN** does not escape from the dye liquor, when dyeing in open bath. **Neutracid CAN** forms complexes with heavy metal ions and thus prevents change of shade e.g. copper sensitive dyes, but does not attack metal complex dyes.

The exact amounts to be applied depend on –

- the residual alkalinity and impurities on the textile goods (determined by the process, washing range and fabric quality).
- the required final pH and cleanness of the fibre and
- the quality of water used.

STORAGE AND HANDLING

Precautions for safe handling	Do not eat, drink or smoke while handling the product.
Conditions for safe storage	Store in a cool, dry & ventilated area away from the sources of heat.
Shelf Life	6 months.

Note: Kindly refer SDS for further information on Storage & Handling.

Neutracid is a registered trade name of Stalwart Advance Material Inds.

The information and recommendations presented here were based on our general experience and correspond to the state of our knowledge. They are intended to service as non-binding guidelines and must be adapted to the prevailing conditions. We cannot accept liability for any injury, loss or damage resulting from reliance upon such information.

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