

Neutracid series

Neutracid AAS

Acetic acid substitute suitable for all stages of textile wet-processing.

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.

Acetic acid is widely used in textile wet processing from pre-treatment bath to finishing bath. It plays a major role in neutralizing the bath. However due to inconsistency of the purity of acetic acid, there are chances of bath not being neutralized properly, leading to problems in further processing of fabric. Most dyers even find traces of chloride or sulphates in acetic acid which may lead to fabric damage. Thus there is a need to find a substitute of acetic acid which not only neutralizes the bath but also has sufficient buffering action to control the pH during processing.

Neutracid AAS is thus developed as 100% substitute of glacial acetic acid. It is easily compatible with all the chemicals, hence can be used in all the stages of wet- processing.

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.
- Performs action of sequesterant as well.
- Ecofriendly and free from chlorides, sulphates and phosphates
- No foaming.

STALWART ADVANCE MATERIAL INDS

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PROPERTIES

Appearance	Clear colorless liquid
pH	less than 2.0
Specific gravity	1.1-1.2
Ionic character	Anionic

Compatibility with

Cationics	Average
Anionics	Good
Non-ionics	Good

Stability to hard water	Good
temperature	Good
electrolytes	Good

SCOPE OF APPLICATION

In contrast to volatile acids, such as acetic acid, **Neutracid AAS** does not escape from the dye liquor, when dyeing in open bath. It gives reproducible dyeing with even with sensitive dyes. It can also be used with enzymes without affecting the activity of enzymes. 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).
- required final pH and cleanness of the fibre and
- 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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