



COLORIQ
The Chemistry Behinds...

COLORACID CN LIQUID

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

Product Information

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.

Coloracid CN liquid is a strong Core 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 cum buffer.
- Biodegradable and free from chloride, sulphates and phosphates.

PROPERTIES

Appearance -----→ Clear colorless liquid

Ph -----→ approx.3.0

Ionic nature -----→ Anionic

Compatibility with

Cationics -----→ Poor

Anionics -----→ Good

Non-ionics -----→ Good

Stability to hard water -----→ Good

Stability to temperature -----→ Good

DOSAGE & APPLICATIONS

In contrast to volatile acids, such as acetic acid, Coloracid CN liquid does not escape from the dye liquor, when dyeing in open bath. Coloracid CN liquid 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.

CAUTION

- 🌿 In case of skin contact, wash with plenty of water.
- 🌿 In case of eye contact, wash with plenty of water and seek medical advice.

PACKING MATERIAL

50KG BAG PACKING.

The storage guidelines for the product

1.Storage Conditions:

- 🌿 Store the product in its original container.
- 🌿 Keep it in a dry, dust-free location at temperatures below 50°C.

2.Ventilation and Compatibility:

- 🌿 Ensure the storage area is well-ventilated.
- 🌿 Keep the product away from incompatible materials (as specified in the Material Safety Data Sheet) and food items.

3.Container Handling:

- 🌿 Seal the container tightly after each use.
- 🌿 Avoid pouring unused material back into the container.

4.Shelf Life:

- 🌿 The product remains usable for at least 24 months from the date of manufacture.

WORK

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