

Product Information

Neutracid® AC is an excellent acid donor, or buffer, which allows to regulate pH and neutralize alkaline baths. It is made from non-volatile organic salts, which allow it to maintain a stable pH throughout the process. This product contains a corrosion inhibitor that prevents corrosion caused by traditional acids.

Benefits

- Non-irritating to the operator's skin
- It is not volatile (maintains pH)
- Does not cause yellowing of the fabric
- Neutralizes the fiber from within, removing residual alkali

Physical and Chemical Characteristics

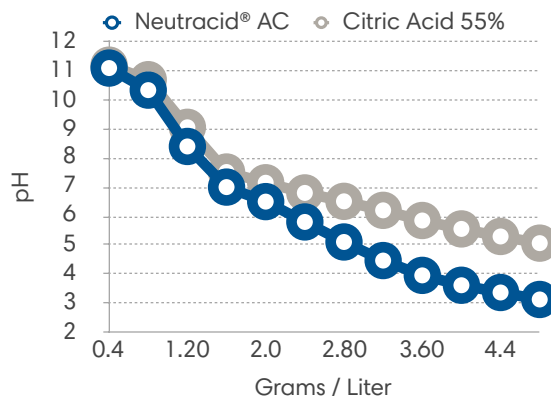
Technical Data	Specs
Appearance	Transparent liquid
Ionic Character	No charge
Solubility in water @ 25°C	Miscible with water in all proportions
Stability	Stable in hard water, high temperature (130°C) (Ca, Mg, Fe, Mg, Cu)
Chemistry	Citrate salts, Sulfamic Acid Compound (Non-corrosive)
pH	1.5-4.0 @ 1% sol.
Density	1.1-1.3 g/ml

Product Application

This product should be applied at the end of your dyeing process to neutralize reactive baths, or it can be used to regulate the pH in polyester baths.

Application Quantities

- As buffer for regulating polyester baths: 1 - 2 g/L
- As a neutralizer for reactive dye baths: 0.5 - 1.0 g/L
- These recommendations depend on the amount of carbonates and bicarbonates in the system, as well as the amount of salt.



Handling Procedures

Handle in the same way as a noble acid, such as acetic or citric. Apply in the dyeing process the same quantity that would be used of Citric Acid @ 55% or Acetic Acid @ 56%. When trying to substitute Acetic Acid @ 99% use 1.5:1 - 2:1.

Recommendations

For most corrosive and non-corrosive organic acids, 316 SS grade stainless steel is always recommended. If not found or not available, SS 304 has a lower performance than 316. However, to eliminate and prevent corrosion, it is recommended to use PVC, HDPE, or PTFE couplings and pipes. Dyeing machines and preparation vats are not a problem, as those are high quality 316 SS.

Packaging

1000kg tote, Bulk.

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The above recommendations are based on extensive results done in the most professional manner. The user must try this product industrially first, to verify if the product is viable for further use. The technical information and application advice given in this **Novachem** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. These results however verified and certified by a third party, do not hold us liable in terms of performance deviations. These tests have been conducted in controlled environments. The user is responsible for checking the suitability of products for their intended use.

For further information and to request samples, please visit **novachemgroup.com** where a qualified technician will assist you.