

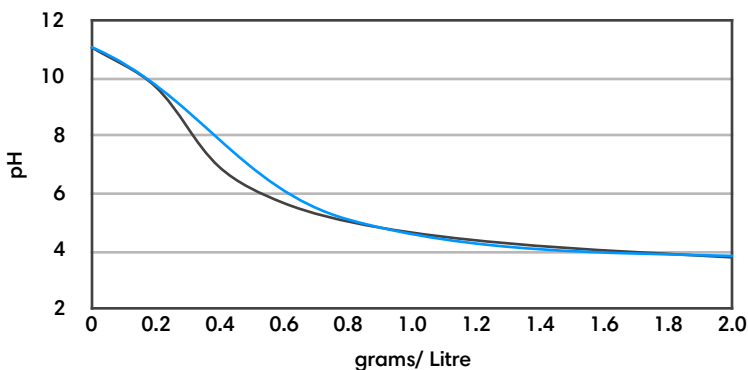
Product Information

Neutracid® MR is a non-corrosive blend of acid salts, and organo-phosphonic acids, used for economic neutralization of dye-baths. It can be used to replace Acetic Acid and citric acid in the plant. We are able to be more economic than traditional acids due to our vast knowledge of acids and bases. This acid is specifically designed to neutralize core alkali in the fibre, preventing pH irregularities further down the process. Due to the nature of the acids, it also keeps hardness and minerals in a threshold, allowing for those hard minerals not to be re-deposited in the fabric.

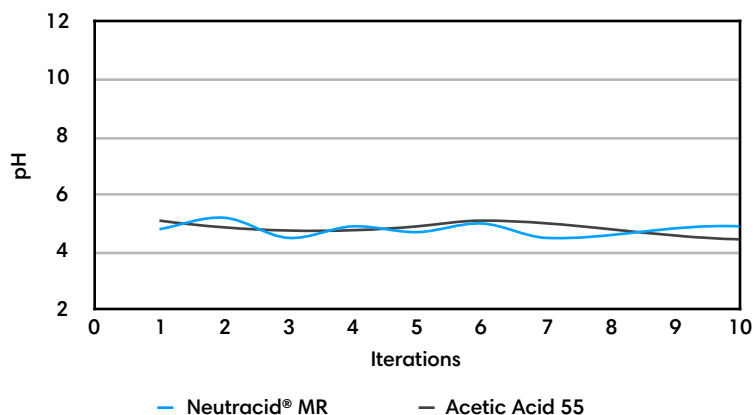
Traditionally, acetic acid is used to regulate pH baths of dark colors in cotton, not to be used in white due to Acetic Acid's flashing point, that could cause yellowing in white fabrics. The **Neutracid® MR** can be used in colors and whites, on a 1:1 substitution. Its is not offensive to smell, touch or use.

Non-irritant to the operator's skin
Less volatile than pure acetic acid
Neutralizes core alkali in the fabric
Does not contain corrosive, free-mineral acids

Performance



Repeatability at 1g/L



Product Application

This product must be applied at the end of the process, in the neutralization stage. This product will assure, that the fabric keeps its pH throughout the process, guaranteeing minimal shade-change during warehousing of the fabric. The nature of this acid, will not only neutralize the surface of the fibre, it will also penetrate the core, and neutralize it. Given its phosphonic nature, this product will also help to keep unwanted hardness in check, which is always beneficial

Suggested Use

1:1 Substitute against citric acid 55%

1:1 Substitute against acetic acid 56%

Technical Data

Specs

Appearance	Clear liquid
Density (g/ml)	1.0-1.1
pH @ 1%	1.5-3.5
Chemistry	Acid blend of organic poly-phosphonates and polycarboxylates

Packaging

The **Neutracid® MR** can be shipped in 55gal drums, 1,000 kg IBC totes, or in 20,000 kg Tanker truck

Handling

When handling the **Neutracid® MR** please consult the MSDS and wear appropriate PPE, as its an acid.

Novachem USA LLC

801 Brickell Avenue
Suite 900
Miami, FL 33131

Novachem Asia

Room 2306, Block A
Wanda Plaza, Weirjiao
Huishan District, Wuxi City, China

Novachem S de RL

Zoli INHDELVA
Nave 4B, INHDELVA NORTE
Choloma, Cortes
Honduras



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URL:// www.novachemgroup.com

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.