

TRIS AMINO

TRIS AMINO™ ULTRA PC

Globally Compliant Tromethamine Buffer for Personal Care and Cosmetic Products

When you need the highest purity, most broadly compliant tromethamine in commercial quantities for cosmetic and personal care products, make TRIS AMINO™ ULTRA PC tromethamine, the quality standard from ANGUS Chemical Company, (ANGUS) your first choice.

Tromethamine is rapidly becoming the preferred buffer and mild neutralizing amine for personal care and cosmetic products. For this reason, ANGUS has designed TRIS AMINO ULTRA PC to meet your global compliance needs.

With their wide range of base strengths, the ULTRA PC range of amino alcohols set a new quality benchmark as preferred neutralizing agents, providing compliance with the most recent European Union and the upcoming ASEAN Cosmetic Directive rulings on secondary amine and nitrosamine content of raw materials used in the manufacture of cosmetics and personal care products.

- European Cosmetics Directive 76/768/EEC and Amendments compliant
- Ministry of Health (MOH) of the People’s Republic of China “Hygienic Standards for Cosmetics” (2007 version) compliant
- 2008 ASEAN Cosmetic Directive compliant
- CTFA/INCI listed in USA and Japan (Tromethamine)
- Globally compliant for use in personal care and cosmetics products
- Reliable, consistent, cGMP batch production process
- ISO 9001:2000 certified
- Batch size up to 1800 kg
- Standard packaging 25 kg drums
- Global supply capability

For further information, visit our website www.ANGUS.com, or call:

United States 1-800-447-4369 (phone)
 and Canada: 1-989-832-1560 (phone)
 1-989-832-1465 (fax)

Europe: 800-3-694-6367 (phone)
 32-3-450-2240 (phone)
 32-3-450-2815 (fax)

Pacific: 603-7958-3392 (phone)
 603-7958-5598 (fax)

India: 91 22 2760 2504 (phone)
 91 22 2760 6899 (fax)

Latin America: 55-11-5188-9555 (phone)
 55-11-5188-9937 (fax)

Other Global 1-989-832-1560 (phone)
 Areas: 1-989-832-1465 (fax)

†except Indonesia and Vietnam

Typical Physical/Chemical Properties

The following are typical physical/chemical properties of AMPD ULTRA PC; they are not to be considered product specifications.

Appearance	White, crystalline powder
Assay on a dried basis, % by weight (minimum)	99.0
Water content, % by weight (maximum)	0.2
APHA color, 20% aqueous solution (maximum)	20
Secondary Amines, anhydrous, % weight	< 0.5
Nitrosamine content, ppb	< 50

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