

Key Performance Advantages

- Mild on all types of skin
- Reduces hair damage
- Neutral odor



Personal Care

AMP-ULTRA™ PC

Globally Compliant Neutralizer for Personal Care and Cosmetic Products

For pure and broadly compliant aminomethyl propanol (AMP®) in commercial quantities for cosmetic and personal care products, look no further than AMP-ULTRA™ PC. With more than 30 years of experience in AMP development, ANGUS has developed AMP-ULTRA PC based on global compliance needs.

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

- As of May 2015:
 - Compliant with EU Cosmetics Directive (EC) No. 1223/2009, the recast for the EU Cosmetics Directive 76/768/EEC and Amendments
 - China Food and Drug Administration “Safety and Technical Standards for Cosmetics” compliant
 - 2008 ASEAN Cosmetic Directive compliant
 - CTFA, including listing in USA and Japan (Aminomethyl propanol)
 - ISO 9001: 2000 certified
- Three commercial grades to meet your processing needs:
 - AMP-ULTRA PC 1000 (anhydrous)
 - AMP-ULTRA PC 2000 (5% water)
 - AMP-ULTRA PC 3000 (11% water)
- Batch size up to 24 MT
- Standard packaging 195 kg drums; AMP-ULTRA PC 2000 and 3000 also available in 950kg IBCs (intermediate bulk containers)
- Global supply capability

Typical Properties

The following are typical physical/chemical properties of AMP-ULTRA PC. They are not to be considered product specifications.

Appearance (grade specific)	Colorless solid or liquid: Consistent and characteristic odor
Purity, anhydrous % weight (minimum)	99.0
APHA color, 20 % aqueous solution (maximum)	20
Secondary amines, anhydrous % weight	<0.5
Nitrosamine content, ppb	<50

Product Stewardship

ANGUS encourages its customers to review their applications of ANGUS products from the standpoint of human health and environmental quality. To help ensure that ANGUS products are not used in ways for which they are not intended, ANGUS personnel will assist customers in dealing with environmental and product safety considerations. For assistance, product Safety Data Sheets, or other information, please contact your ANGUS representative at the numbers provided in this document. When considering the use of any ANGUS product in a particular application, review the latest Safety Data Sheet to ensure that the intended use is within the scope of approved uses and can be accomplished safely. Before handling any of the products, obtain available product safety information including the Safety Data Sheet(s) and take the necessary steps to ensure safety of use.

Contact Information

angus.com

North America
+1-844-474-9969

Western Europe
+49-69-38-079-1799

Middle East and Africa
+49-69-38-079-1799

Greater China
+86-40-0881-1243

**Southeast Asia, Australia
and New Zealand**

Latin America
+55-11-4700-8427

Central and Eastern Europe
+49-69-38-079-1799

Indian Subcontinent
+000-800-440-5098

Japan and Korea
+81-34-477-4961
+82-2-3483-6665

+66-2787-3335
+65-6723-1010



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