



AMERICAN COLLOID COMPANY

Magnesium  
Aluminum Silicate  
Water-Washed  
Acidic pH

# MAGNABRITE® ULTRA

**Description:** High purity, water-washed, acidic, magnesium aluminum silicate product, selectively mined, and provided in a flaked form for ease in formulation.

**Functional Use:** Suspending agent, viscosifier, binder and emulsion stabilizer for cosmetics and personal care products. Yields dispersions with pH values in the 4.0 - 5.5 range and is readily hydrated. Enhances the performance of water-soluble thickeners including xanthan gum and other natural and synthetic thickeners while improving cosmetic elegance. Typical use levels are between 0.25 and 2.25%. Suitable for use in all lotion, cream, and gel products.

## Specifications:

<b>Viscosity:</b>	200 – 400 cps	<b>Moisture:</b>	8 % Maximum
<b>Loss on Drying:</b>	5 – 8 %	<b>Arsenic:</b>	3 ppm max
<b>pH:</b>	4.2 – 5.2 (5% Dispersion)	<b>Lead:</b>	15 ppm max

**Microbial Limits:** Aerobic plate count < 100 cfu/g. Yeast and mold < 100 cfu/g.

**Plate Count:** No presence of Escherichia coli, Salmonella sp., Staphylococcus aureus, Pseudomonas aeruginosa or gram negative organisms.

**INCI Name:** Magnesium Aluminum Silicate

**Packaging:** 4-ply poly-lined package in boxes, moisture resistant, 50 pound net.

