



Product Name	<b>STEPCOTE™ W-821</b>
Chemical Description	Unneutralized Alcohol Phosphate, acid form
Application	<p>STEPCOTE W-821 is an effective wetting agent for use in waterborne coatings. It can be incorporated during the letdown phase of production or post added to the final formulation. Typical use level, based on active content, is 2 – 6 lbs/100 gallons, however, optimal dosing should be determined by performing a ladder study. STEPCOTE W-821, although primarily a wetting agent, may positively impact the following coatings properties:</p> <ul style="list-style-type: none"><li>• Gloss</li><li>• Color Acceptance</li><li>• Wet Scrub Resistance</li><li>• Hiding</li></ul>
Typical Properties	<p>Appearance at 25 °C.....Clear, pale yellow liquid Actives, % ..... 100 Density at 25 °C, g/mL (lbs./U.S. gal) ..... 0.98 (8.2) pH, 1% aqueous..... 2.5 Flash Point, PMCC, °C (°F) ..... &gt;94 (&gt;201)</p>
Storage & Handling	<p><u>Standard Packaging:</u> STEPCOTE W-821 is available in bulk quantities.</p> <p>STEPCOTE W-821 should be stored in a cool, dry place in closed containers.</p> <p>Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling STEPCOTE W-821. STEPCOTE W-821 is corrosive, contact with eyes, nose and skin should be avoided.</p>
Clearances	<p>The international inventories (country clearances) of STEPCOTE W-821 can be found in Section 15 of the Safety Data Sheet (SDS). <b>It is the responsibility of the formulator to review the chemical control regulations for each country where the end product is intended to be sold or used.</b> If you have any further questions regarding inventories, please contact North American Technical Service at <a href="mailto:techserv@stepan.com">techserv@stepan.com</a>.</p>



Product  
Stewardship

Additional  
Safety  
Information

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

A Safety Data Sheet is available upon request.



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