

Product Name	STEPCOTE™ W-806
Chemical Description	Phosphate ester of tridecyl alcohol ethoxylate
CAS Registry Number	9046-01-9
Application	<p>STEPCOTE W-806 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. STEP COTE W-806, although primarily a wetting agent, may positively impact the following coatings properties:</p> <ul style="list-style-type: none">• Gloss• Low Foaming• Temperature Stability• Color Acceptance• Wet Scrub Resistance• Hiding• Washability
Typical Properties	<p>Appearance at 25 °C..... Clear to slightly hazy liquid</p> <p>Actives, % 100</p> <p>Density at 25 °C, g/mL (lbs/U.S. gal) 1.06 (8.8)</p> <p>pH, 1% aqueous..... 2.4</p> <p>Flash Point, PMCC, °C (°F) >94 (>201)</p> <p>Pour Point, °C (°F) <-16 (2)</p> <p>RVOC, U.S. EPA, % 0</p>
Storage & Handling	<p><u>Standard Packaging:</u> STEP COTE W-806 is available in bulk quantities.</p> <p><u>Bulk Storage Information:</u> Elevated storage temperature may be desirable to maintain ease of pumping, but product should be stored long term at ambient temperature.</p> <p><u>Non-Bulk Storage Information:</u> STEP COTE W-806 which has been stored in drums at temperatures below 10° C (50 °F) may thicken or solidify. The surfactant may be fluidized by warming with a drum heater or in a steam room. Drums should be vented prior to heating to avoid excessive pressure build up. Product temperatures over 54 °C (130 °F) are not recommended.</p> <p>Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling STEP COTE W-806. Contact with eyes, nose and prolonged contact with skin should be avoided. Wash thoroughly after handling material.</p>
Clearances	<p>The international inventories (country clearances) of STEP COTE W-806 can be found in Section 15 of the Safety Data Sheet (SDS). 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. If you have any further questions regarding inventories, please contact North American Technical Service at techserv@stepan.com.</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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